Appendix D – Geodatabase Data Dictionary and Diagram

Feature Class Name: Custom

Spatial feature class containing information about user-defined areas of interest for Mission Critical Activities (MCAs).

Field	Data Type	Length	Description
OBJECTID	ObjectID	4	Internal feature number; sequential unique
			whole number that is automatically generated
Shape	Geometry	0	Feature geometry; coordinates defining the
			features
MCA_ID	String	255	Provides a cross reference to the MCA ID
GeographicArea	String	255	Indicates which type of geographic area was
			chosen and provides a cross reference to the
			MCA ID
Shape_Length	Double	8	Length of feature in internal units; positive real
			numbers that are automatically generated
Shape_Area	Double	8	Area of feature in internal units squared;
			positive real numbers that are automatically
			generated

Feature Class Name: FederalReviewAOIs

Spatial feature class containing information about major land holdings of Federal agencies and Tribal lands of the U.S. The Federal agencies included are Bureau of Land Management (BLM), Bureau of Reclamation (BOR), Department of Defense (DOD), U.S. Forest Service (FS), U.S. Fish and Wildlife Service (FWS), National Park Service (NPS), and Tennessee Valley Authority (TVA).

Field	Data Type	Length	Description
OBJECTID	ObjectID	4	Internal feature number; sequential unique
			whole number that is automatically generated
Shape	Geometry	0	Feature geometry; coordinates defining the
			features
InlandTopoID	String	255	Federal agency abbreviation or Tribal
			designation
InlandBathyID	String	255	Federal agency abbreviation or Tribal
			designation
NearshoreID	String	255	Federal agency abbreviation or Tribal
			designation
OffshoreID	String	255	Federal agency abbreviation or Tribal
			designation
Shape_Length	Double	8	Length of feature in internal units; positive real
			numbers that are automatically generated
Shape_Area	Double	8	Area of feature in internal units squared;
			positive real numbers that are automatically
			generated

Feature Class Name: FederalTribal

Spatial feature class containing information about major land holdings of Federal agencies and Tribal lands of the U.S. The Federal agencies included are Bureau of Land Management (BLM), Bureau of Reclamation (BOR), Department of Defense (DOD), U.S. Forest Service (FS), U.S. Fish and Wildlife Service (FWS), National Park Service (NPS), and Tennessee Valley Authority (TVA).

Field	Data Type	Length	Description
OBJECTID	ObjectID	4	Internal feature number; sequential unique
			whole number that is automatically generated
Shape	Geometry	0	Feature geometry; coordinates defining the
			features
NAME	String	250	Federal agency abbreviation or Tribal
			designation
InlandTopoID	String	255	Federal agency abbreviation or Tribal
			designation
InlandBathyID	String	255	Federal agency abbreviation or Tribal
			designation
OffshoreID	String	255	Federal agency abbreviation or Tribal
			designation
NearshoreID	String	255	Federal agency abbreviation or Tribal
			designation
Shape_Length	Double	8	Length of feature in internal units; positive real
			numbers that are automatically generated
Shape_Area	Double	8	Area of feature in internal units squared;
			positive real numbers that are automatically
			generated

Feature Class Name: HUC8

This data set is a complete digital hydrologic unit boundary layer of the Subregion (8-digit) 2nd level for the entire United States. This data set consists of geo-referenced digital data and associated attributes created in accordance with the "Federal Guidelines, Requirements, and Procedures for the National Watershed Boundary Dataset; Chapter 3 of Section A, Federal Standards, Book 11, Collection and Delineation of Spatial Data; Techniques and Methods 11-A3" (04/01/2009).

http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/water/watersheds/?cid=nrcs143_021630. Polygons are attributed with hydrologic unit codes, name, and size. The data is currently updated through the USGS National Hydrography Dataset (NHD) Program and replicated to NRCS twice per year.

Field	Data Type	Length	Description
OBJECTID	ObjectID	4	Internal feature number; sequential unique
			whole number that is automatically generated
Shape	Geometry	0	Feature geometry; coordinates defining the
			features
NAME	String	120	A unique 8-digit hydrologic unit code in which
			the hydrologic unit is located.
InlandTopoID	String	255	A unique 8-digit hydrologic unit code (inland
			topographic areas)
InlandBathyID	String	255	A unique 8-digit hydrologic unit code (inland
			bathymetric areas)
NearshoreID	String	50	A unique 8-digit hydrologic unit code (nearshore
			areas)
OffshoreID	String	255	A unique 8-digit hydrologic unit code (offshore
			areas)
Shape_Length	Double	8	Length of feature in internal units; positive real
			numbers that are automatically generated
Shape_Area	Double	8	Area of feature in internal units squared;
			positive real numbers that are automatically
			generated

Feature Class Name: MarineSanctuary

The Office of National Marine Sanctuaries (ONMS) manages a system of sanctuaries and other managed areas around the country. The legal boundaries of these sanctuaries are defined within the Code of Federal Regulations, at 15 C.F.R. Part 922 and the subparts for each national marine sanctuary. The GIS compatible digital boundary files for each national marine sanctuary are representations of those legal boundaries and are based on the best available data. These files are available for public use at locations defined in this metadata record.

Field	Data Type	Length	Description
OBJECTID	ObjectID	4	Internal feature number; sequential unique
			whole number that is automatically generated
Shape	Geometry	0	Feature geometry; coordinates defining the
			features
NAME	String	255	Indicates which marine sanctuary or marine
			national monument was chosen as an area of
			interest.
NearshoreID	String	255	Indicates which marine sanctuary or marine
			national monument was chosen as an area of
			interest.
OffshoreID	String	255	Indicates which marine sanctuary or marine
			national monument was chosen as an area of
			interest.
Shape_Length	Double	8	Length of feature in internal units; positive real
			numbers that are automatically generated
Shape_Area	Double	8	Area of feature in internal units squared;
			positive real numbers that are automatically
			generated

Feature Class Name: MaritimeBoundary

Maritime limits for the United States are measured from the U.S. baseline, recognized as the low-water line along the coast as marked on NOAA's nautical charts in accordance with the articles of the Law of the Sea. The baseline and related maritime limits are reviewed and approved by the interagency U.S. Baseline Committee. The primary purpose of this dataset is to update the official depiction of these maritime limits and boundaries on NOAA's nautical charts. The Office of Coast Survey depicts on its nautical charts the territorial sea (12 nautical miles), contiguous zone (24nm), and exclusive economic zone (200nm, plus maritime boundaries with adjacent/opposite countries).U.S. maritime limits are ambulatory and subject to revision based on accretion or erosion of the charted low water line. To ensure you are up-to-date and for more information about U.S. Maritime Limits and Boundaries, see http://www.nauticalcharts.noaa.gov/csdl/mbound.htm. For the full FGDC metadata record, see http://www.ncddc.noaa.gov/approved_recs/nos_de/ocs/ocs/ocs/MB_ParentDataset.html. Coordinates for the US/Canada international boundary, on land and through the Great Lakes, are managed by the International Boundary Commission. These boundaries are included with this dataset for continuity.

Field	Data Type	Length	Description
OBJECTID	ObjectID	4	Internal feature number; sequential unique
			whole number that is automatically generated
Shape	Geometry	0	Feature geometry; coordinates defining the
			features
NAME	String	255	Indicates which maritime boundary was chosen
			as an area of interest.
NearshoreID	String	255	Indicates which maritime boundary was chosen
			as an area of interest.
OffshoreID	String	255	Indicates which maritime boundary was chosen
			as an area of interest.
Shape_Length	Double	8	Length of feature in internal units; positive real
			numbers that are automatically generated
Shape_Area	Double	8	Area of feature in internal units squared;
			positive real numbers that are automatically
			generated

Feature Class Name: State

The State feature class represents the 50 states, the District of Columbia, Puerto Rico, U.S. Virgin Islands, Guam, American Samoa, Northern Mariana Islands, Marshall Islands, Federated States of Micronesia, and U.S. Minor Outlying Islands.

Field	Data Type	Length	Description
OBJECTID	ObjectID	4	Internal feature number; sequential unique
			whole number that is automatically generated
Shape	Geometry	0	Feature geometry; coordinates defining the
			features
NAME	String	255	The state name
InlandTopoID	String	255	The state name (inland topographic areas)
InlandBathyID	String	255	The state name (inland bathymetric areas)
NearshoreID	String	255	The state name (nearshore areas)
OffshoreID	String	255	The state name (offshore areas)
Shape_Length	Double	8	Length of feature in internal units; positive real
			numbers that are automatically generated
Shape_Area	Double	8	Area of feature in internal units squared;
			positive real numbers that are automatically
			generated

Table Name: InlandBathy

Non-spatial table containing Mission Critical Activity (MCA) areas of interest for inland bathymetry. There may be many records in this table per MCA.

Field	Data Type	Length	Description
OBJECTID	ObjectID	4	Internal feature number; sequential unique
			whole number that is automatically generated
MCA_ID	String	5	Indicates which MCA the AOI requirements
			belong to.
Custom	String	255	Indicates the area of interest of an MCA
			represented in the Custom feature class.
FederalReviewAOIs	String	255	Indicates the area of interest of an MCA
			represented in the FederalReviewAOIs feature
			class.
FederalTribal	String	255	Indicates the area of interest of an MCA
			represented in the FederalTribal feature class.
HUC8	String	255	Indicates the area of interest of an MCA
			represented in the HUC8 feature class.
State	String	255	Indicates the area of interest of an MCA
			represented in the State feature class.

Table Name: InlandTopo

Non-spatial table containing Mission Critical Activity (MCA) areas of interest for inland topography. There may be many records in this table per MCA.

Field	Data Type	Length	Description
OBJECTID	ObjectID	4	Internal feature number; sequential unique
			whole number that is automatically generated
MCA_ID	String	5	Indicates which MCA the AOI requirements
			belong to.
Custom	String	255	Indicates the area of interest of an MCA
			represented in the Custom feature class.
FederalReviewAOIs	String	255	Indicates the area of interest of an MCA
			represented in the FederalReviewAOIs feature
			class.
FederalTribal	String	255	Indicates the area of interest of an MCA
			represented in the FederalTribal feature class.
HUC8	String	255	Indicates the area of interest of an MCA
			represented in the HUC8 feature class.
State	String	255	Indicates the area of interest of an MCA
			represented in the State feature class.

Table Name: NearshoreBathy

Non-spatial table containing Mission Critical Activity (MCA) areas of interest for nearshore bathymetry. There may be many records in this table per MCA.

Field	Data Type	Length	Description
OBJECTID	ObjectID	4	Internal feature number; sequential unique
			whole number that is automatically generated
MCA_ID	String	5	Indicates which MCA the AOI requirements
			belong to.
Custom	String	255	Indicates the area of interest of an MCA
			represented in the Custom feature class.
FederalReviewAOIs	String	255	Indicates the area of interest of an MCA
			represented in the FederalReviewAOIs feature
			class.
FederalTribal	String	255	Indicates the area of interest of an MCA
			represented in the FederalTribal feature class.
HUC8	String	255	Indicates the area of interest of an MCA
			represented in the HUC8 feature class.
MarineSanctuary	String	255	Indicates the area of interest of an MCA
			represented in the MarineSanctuary feature
			class.
MaritimeBoundary	String	255	Indicates the area of interest of an MCA
			represented in the MaritimeBoundary feature
			class.
State	String	255	Indicates the area of interest of an MCA
			represented in the State feature class.

Table Name: OffshoreBathy

Non-spatial table containing Mission Critical Activity (MCA) areas of interest for offshore bathymetry. There may be many records in this table per MCA.

Field	Data Type	Length	Description
OBJECTID	ObjectID	4	Internal feature number; sequential unique
			whole number that is automatically generated
MCA_ID	String	5	Indicates which MCA the AOI requirements
			belong to.
Custom	String	255	Indicates the area of interest of an MCA
			represented in the Custom feature class.
FederalReviewAOIs	String	255	Indicates the area of interest of an MCA
			represented in the FederalReviewAOIs feature
			class.
FederalTribal	String	255	Indicates the area of interest of an MCA
			represented in the FederalTribal feature class.
HUC8	String	255	Indicates the area of interest of an MCA
			represented in the HUC8 feature class.
MarineSanctuary	String	255	Indicates the area of interest of an MCA
			represented in the MarineSanctuary feature
			class.
MaritimeBoundary	String	255	Indicates the area of interest of an MCA
			represented in the MaritimeBoundary feature
			class.
State	String	255	Indicates the area of interest of an MCA
			represented in the State feature class.

Table Name: ResponseTable

Main non-spatial table containing information about Mission Critical Area (MCA) requirements and benefits. There is one record in this table per MCA.

Field	Data Type	Length	Description
OBJECTID	ObjectID	4	Internal feature number; sequential unique
			whole number that is automatically generated
MCA_ID	String	5	MCA ID
MCA_Title	String	183	MCA Title
MCA_Description	String	4188	MCA Description
OrganizationGrouping	String	24	Organization Grouping
OrganizationName	String	125	Organization Name
OrganizationType	String	58	Organization Type
FederalAgencyName	String	9	Federal Agency Name
FederalSubAgency	String	206	Federal Sub-Agency
OrganizationMission	String	3140	Mission, Ability to Carry Out Mission
ProgramName	String	3855	Program Name
ProgramBudget	String	17	Program Budget
PrimaryBusinessUse	String	87	Primary Business Use
SecondaryBusinessUse	String	87	Secondary Business Use
TertiaryBusinessUse	String	87	Tertiary Business Use
Q8_Needs3D_BareEarth	String	16	3D Importance of Bare Earth Ground
Q8_Needs3D_TopsBldgStruc	String	16	3D Importance of Tops of Structures
Q8_Needs3D_TopsVeg	String	16	3D Importance of Tops of Vegetation
Q8_Needs3D_TopsSubmerge dStruc	String	16	3D Importance of Submerged Structures
Q8_Needs3D_TopsSubmerge dVeg	String	16	3D Importance of Submerged Vegetation
Q8_Needs3D_Subcanopy	String	16	3D Importance of Sub-canopy Vegetation
Q8_Needs3D_RiverLakeBotto m	String	16	3D Importance of River/Lake Bottom

Q8_Needs3D_NearshoreEleva tion	String	16	3D Importance of Nearshore Elevation
Q8_Needs3D_SeaSurface	String	16	3D Importance of Sea Surface
Q8_Needs3D_OceanSeaBotto m	String	16	3D Importance of Sea Bottom
Q8_Needs3D_OtherReq	String	16	3D Importance of Other Value, Respondent Defined
Q8_Needs3D_OtherDesc	String	173	3D Importance of Other Description, Respondent Defined
Q9_DailyWorkExtent	String	177	Daily Average Work Extent
Q10a_SmallestFeatureRange	String	107	Smallest Features Required Range
Q10b_SmallestFeatureDesc	String	2260	Smallest Features Required Description
Q64_RankGeographicCoverag e	Short Integer	2	Ranking of Geographic Coverage
Q64_RankVerticalAccuracy	Short Integer	2	Ranking of Vertical Accuracy
Q64_RankUpdateFrequency	Short Integer	2	Ranking of Update Frequency
Q65a_DataFormatsVectorOG C	String	12	Data Formats Needed Vector OGC File Types
Q65a_DataFormatsVectorSha pefile	String	12	Data Formats Needed Vector Shapefile File Types
Q65a_DataFormatsVectorFile GDB	String	12	Data Formats Needed Vector FileGDB File Types
Q65a_DataFormatsVectorEN C	String	12	Data Formats Needed Vector ENC File Types
Q65b_DataFormatsRasterGeo TIFF	String	12	Data Formats Needed Raster GeoTIFF File Types
Q65b_DataFormatsRasterTIF F	String	12	Data Formats Needed Raster TIFF File Types
Q65b_DataFormatsRasterMrS ID	String	12	Data Formats Needed Raster MrSID File Types
Q65b_DataFormatsRasterGeo PDF	String	12	Data Formats Needed Raster GeoPDF File Types
Q65b_DataFormatsRasterPDF	String	12	Data Formats Needed Raster PDF File Types
Q65b_DataFormatsRasterRN C	String	12	Data Formats Needed Raster RNC File Types
Q65c_DataFormatsGriddedB AG	String	12	Data Formats Needed Gridded BAG File Types
Q65c_DataFormatsGriddedGe oTIFF	String	12	Data Formats Needed Gridded GeoTIFF File Types

Q65c_DataFormatsGriddedAS CII	String	12	Data Formats Needed Gridded ASCII File Types
Q65c_DataFormatsGriddedAr cGrid	String	12	Data Formats Needed Gridded ArcGrid File Types
Q65c_DataFormatsGriddedNe tCDF	String	12	Data Formats Needed Gridded NetCDF File Types
Q65c_DataFormatsGriddedGr idFloat	String	12	Data Formats Needed Gridded GridFloat File Types
Q65c_DataFormatsGriddedIM G	String	12	Data Formats Needed Gridded IMG File Types
Q65c_DataFormatsGriddedD TED	String	12	Data Formats Needed Gridded DTED File Types
Q65d_DataFormatsMassPoint sLAS	String	12	Data Formats Needed Mass Point LAS File Types
Q65d_DataFormatsMassPoint sASCII	String	12	Data Formats Needed Mass Point ASCII File Types
Q65e_DataFormatsOtherTIN	String	12	Data Formats Needed TIN File Types
Q65e_DataFormatsOtherOther Req	String	9	Data Formats Needed for Other File Types Value, Respondent Defined
Q65e_DataFormatsOtherOther Desc	String	197	Data Formats Needed for Other File Types Description, Respondent Defined
Q62a_DataArchivedPubliclyA vailableImportance	String	16	Importance of Data being Publically Available
Q62b_DataArchivedPubliclyA vailableCurrently	String	176	Respondent's Data is Currently Publically Available
Q62c_DataArchivedInternalR esources	String	3	Respondent's Data is Hosted on an Internal System
Q62c_DataArchivedEnterprise System	String	3	Respondent's Data is Hosted on an Enterprise System
Q62c_DataArchivedStateRepo sitory	String	3	Respondent's Data is Hosted on a State Repository
Q62c_DataArchivedNCEI	String	3	Respondent's Data is Hosted on NCEI
Q62c_DataArchivedUSGS	String	3	Respondent's Data is Hosted on USGS
Q62c_DataArchivedMarineCa dastre	String	3	Respondent's Data is Hosted on Marine Cadastre
Q62c_DataArchivedDigitalCo ast	String	3	Respondent's Data is Hosted on Digital Coast
Q62c_DataArchivedThirdPart y	String	3	Respondent's Data is Hosted on Third Party System
Q62c_DataArchivedOther	String	275	Respondent's Data is Hosted on Other System, Respondent Defined

Q66_DataAccessMethodDow String 16 Requirement for Data Access Service for Download Q66_DataAccessMethodCusto String 16 Requirement for Data Access Service for Customized Products Q66_DataAccessMethodDyna micedIP String 16 Requirement for Data Access Service for Dynamic Use with Client-based Software Q66_DataAccessMethodVisua String 16 Requirement for Data Access Service for Dynamic Use with Client-based Software Q66_DataAccessMethodMash String 16 Requirement for Data Access Service for Dynamic Use with Client-based Software Q66_DataAccessMethodMash String 12 Inland Topo, Requirement for Data Access Service for Mash- ups Q7_IT_ValuesAdopted String 12 Inland Topo, Requirement for Data Pye Values from Business Use Averages Q11_IT_GeographicRegionAr String 3 Inland Topo, Area of Interest Area Description ca Q12_IT_HorizontalError String 72 Inland Topo, Acceptable Horizontal Error Q13_IT_VerticalError String 352 Inland Topo, Cross Sections or Transects Meet Q15_IT_CrossSectionsTrans ectsMeetNeeds String 341 Inland Topo, Quality Level Q15_IT_QualityLevel </th <th>Q66_DataAccessMethodDisco ver</th> <th>String</th> <th>16</th> <th>Requirement for Data Access Service for Discovery</th>	Q66_DataAccessMethodDisco ver	String	16	Requirement for Data Access Service for Discovery
nloadDownloadQ66DataAccessMethodCustoString16Requirement for Data Access Service for Customized ProductsQ66DataAccessMethodDynaString16Requirement for Data Access Service for Dynamic Use with Client-based SoftwareQ66DataAccessMethodVisuaString16Requirement for Data Access Service for VisualizationQ66DataAccessMethodVisuaString16Requirement for Data Access Service for VisualizationQ66DataAccessMethodMashString11Requirement for Data Access Service for Mash- upsQ7_IT_DataTypeString12Inland Topo, Requirement for Data Type Values from Business Use AveragesQ11_IT_GeographicRegionTyString67Inland Topo, Area of Interest Region Type PeQ12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString352Inland Topo, Acceptable Horizontal ErrorQ14_IT_BeachProfileDistanceString352Inland Topo, Oscreptable Vertical ErrorQ15_IT_CossSectionsTrans ectsMeetNeedsString634Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Variability Across Area of InterestQ16_IT_UpdateFrequencyString391Inland Topo, Processing, HydrologicQ16_IT_UpdateFrequencyString391Inland Topo, Variability Across Area of InterestQ15_IT_CossSectionsTrans eningString16Inland Topo, Processing, HydrologicQ18_IT_HydroProcessingEnf <td></td> <td>String</td> <td>16</td> <td></td>		String	16	
Q66_DataAccessMethodCusto mizedProductString16Requirement for Data Access Service for Customized ProductsQ66_DataAccessMethodDyna miGISString16Requirement for Data Access Service for Dynamic Use with Client-based SoftwareQ66_DataAccessMethodVisua lizeString16Requirement for Data Access Service for VisualizationQ66_DataAccessMethodNash UpString16Requirement for Data Access Service for Mash- upsQ7_IT_DataTypeString12Inland Topo, Requirement for Data Access Service for Mash- upsQ7_IT_ValuesAdoptedString3Inland Topo, Data Type Values from Business Use AveragesQ11_IT_GeographicRegionTy peString67Inland Topo, Area of Interest Region Type 	-	0		-
mizedProductCustomized ProductsQ66_DataAccessMethodDynaString16Requirement for Data Access Service for Dynamic Use with Client-based SoftwareQ66_DataAccessMethodVisuaString16Requirement for Data Access Service for VisualizationQ66_DataAccessMethodMashString16Requirement for Data Access Service for Mash- upsQ7_IT_DataTypeString12Inland Topo, Requirement for Data Ype Values from Business Use AveragesQ1_IT_GeographicRegionTyString67Inland Topo, Area of Interest Region Type PeQ11_IT_GeographicRegionAr caString72Inland Topo, Acceptable Horizontal ErrorQ12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString352Inland Topo, Otas Sections or Transects Meet NeedsQ15a_IT_CrossSectionsTrans extsRequirementsString7Inland Topo, Description of Cross Sections/Transects NeededQ15c_IT_QualityLevelString390Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString391Inland Topo, Variability Across Area of Interest needsQ15c_IT_QualityLevelString391Inland Topo, Opescription of Cross Sections/Transects NeededQ15_IT_PdateFrequencyString16Inland Topo, Processing, Hydrologic Flattening eningQ16_IT_UpdateFrequencyString16Inland Topo, Processing, HydrologicQ18_IT_HydroProcessingEnfString16Inland Topo, Processing, HydrologicQ18_IT_HydroProcessingNoT<	O66 DataAccessMethodCusto	String	16	
micGISDynamic Use with Client-based SoftwareQ66_DataAccessMethodVisuaString16Requirement for Data Access Service for VisualizationQ66_DataAccessMethodMashString16Requirement for Data Access Service for Mash- upsQ7_IT_DataTypeString12Inland Topo, Requirement for Data Access Service for Mash- upsQ7_IT_ValuesAdoptedString3Inland Topo, Data Type Values from Business Use AveragesQ11_IT_GeographicRegionTyString67Inland Topo, Area of Interest Region Type peQ11_IT_GeographicRegionArString72Inland Topo, Area of Interest Area Description caQ12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString352Inland Topo, Distance Down the Beach ProfileQ15_IT_CrossSectionsTransString634Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Events Triggering CollectionQ16_IT_UpdateEventString341Inland Topo, Processing, Hydrologic Flattening enfrappingQ18_IT_HydroProcessingFlattString16Inland Topo, Processing, HydrologicQ16_IT_HydroProcessingFlattString16Inland Topo, Processing, No HydrologicQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	- <u>-</u>	C		
micGISDynamic Use with Client-based SoftwareQ66_DataAccessMethodVisuaString16Requirement for Data Access Service for VisualizationQ66_DataAccessMethodMashString16Requirement for Data Access Service for Mash- upsQ7_IT_DataTypeString12Inland Topo, Requirement for Data Access Service for Mash- upsQ7_IT_ValuesAdoptedString3Inland Topo, Data Type Values from Business Use AveragesQ11_IT_GeographicRegionTyString67Inland Topo, Area of Interest Region Type peQ11_IT_GeographicRegionArString72Inland Topo, Area of Interest Area Description caQ12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString352Inland Topo, Distance Down the Beach ProfileQ15_IT_CrossSectionsTransString634Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Events Triggering CollectionQ16_IT_UpdateEventString341Inland Topo, Processing, Hydrologic Flattening enfrappingQ18_IT_HydroProcessingFlattString16Inland Topo, Processing, HydrologicQ16_IT_HydroProcessingFlattString16Inland Topo, Processing, No HydrologicQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	Q66 DataAccessMethodDyna	String	16	Requirement for Data Access Service for
lizeVisualizationQ66_DataAccessMethodMash UpString16Requirement for Data Access Service for Mash- upsQ7_IT_DataTypeString12Inland Topo, Requirement for Data TypeQ7_IT_ValuesAdoptedString3Inland Topo, Data Type Values from Business Use AveragesQ11_IT_GeographicRegionTyString67Inland Topo, Area of Interest Region Type peQ11_IT_GeographicRegionAr eaString72Inland Topo, Area of Interest Area Description eaQ12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString352Inland Topo, Distance Down the Beach ProfileQ15a_IT_CrossSectionsTrans ectsMeetNeedsString7Inland Topo, Description of Cross Sections/Transects NeededQ15_IT_UpdateFrequencyString390Inland Topo, Update FrequencyQ16_IT_UpdateEventString591Inland Topo, Variability Across Area of Interest entabilityQ18_IT_HydroProcessingEnd engingString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	micGIS			Dynamic Use with Client-based Software
Q66_DataAccessMethodMash UpString16Requirement for Data Access Service for Mash- upsQ7_IT_DataTypeString12Inland Topo, Requirement for Data TypeQ7_IT_ValuesAdoptedString3Inland Topo, Data Type Values from Business Use AveragesQ11_IT_GeographicRegionTyString67Inland Topo, Area of Interest Region Type peQ11_IT_GeographicRegionArString4158Inland Topo, Area of Interest Area Description caQ12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString352Inland Topo, Oxeeptable Vertical ErrorQ14_IT_BeachProfileDistanceString352Inland Topo, Cross Sections or Transects Meet NeedsQ15b_IT_CrossSectionsTrans ectsRequirementsString634Inland Topo, Description of Cross Sections/Transects NeededQ16_IT_UpdateFrequencyString390Inland Topo, Events Triggering CollectionQ16_IT_UpdateEventString591Inland Topo, Variability Across Area of Interest needsQ18_IT_HydroProcessingEnf orementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	Q66_DataAccessMethodVisua	String	16	Requirement for Data Access Service for
UpupsQ7_IT_DataTypeString12Inland Topo, Requirement for Data TypeQ7_IT_ValuesAdoptedString3Inland Topo, Data Type Values from Business Use AveragesQ11_IT_GeographicRegionTyString67Inland Topo, Area of Interest Region Typepe999Q11_IT_GeographicRegionArString4158Inland Topo, Area of Interest Area Descriptionqa9999Q12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString352Inland Topo, Acceptable Vertical ErrorQ14_IT_BeachProfileDistanceString352Inland Topo, Cross Sections or Transects Meet NeedsQ15b_IT_CrossSectionsTrans ectsRequirementsString7Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Update FrequencyQ16_IT_UpdateEventString591Inland Topo, Variability Across Area of Interest NeedsQ15_IT_HydroProcessingFlat eningString16Inland Topo, Processing, Hydrologic EnforcementQ16_IT_HydroProcessingCon enementString16Inland Topo, Processing, No HydrologicQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	lize			Visualization
Q7_IT_DataTypeString12Inland Topo, Requirement for Data TypeQ7_IT_ValuesAdoptedString3Inland Topo, Data Type Values from Business Use AveragesQ11_IT_GeographicRegionTyString67Inland Topo, Area of Interest Region TypeQ11_IT_GeographicRegionArString4158Inland Topo, Area of Interest Area Description eaQ12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString20Inland Topo, Acceptable Vertical ErrorQ14_IT_BeachProfileDistanceString352Inland Topo, Orcoss Sections or Transects Meet NeedsQ15b_IT_CrossSectionsTrans ectsMeetNeedsString634Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Variability Across Area of Interest needsQ16_IT_UpdateEventString591Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingEnf orcementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	Q66_DataAccessMethodMash	String	16	Requirement for Data Access Service for Mash-
Q7_IT_ValuesAdoptedString3Inland Topo, Data Type Values from Business Use AveragesQ11_IT_GeographicRegionTyString67Inland Topo, Area of Interest Region TypeQ11_IT_GeographicRegionArString4158Inland Topo, Area of Interest Area Description eaQ12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString20Inland Topo, Acceptable Vertical ErrorQ14_IT_BeachProfileDistanceString352Inland Topo, Orces Sections or Transects Meet NeedsQ15a_IT_CrossSectionsTrans cetsRequirementsString7Inland Topo, Quality LevelQ15c_IT_QualityLevelString42Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Variability Across Area of Interest entVariabilityQ18_IT_HydroProcessingEnf oreementString591Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingCon oreementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	Up			ups
Use AveragesQ11_IT_GeographicRegionTyStringQ11_IT_GeographicRegionArStringQ11_IT_GeographicRegionArStringQ12_IT_HorizontalErrorStringQ12_IT_HorizontalErrorStringQ13_IT_VerticalErrorStringQ14_IT_BeachProfileDistanceStringQ15a_IT_CrossSectionsTransStringQ15b_IT_CrossSectionsTransStringQ15b_IT_CrossSectionsTransStringQ15b_IT_CrossSectionsTransStringQ16_IT_UpdateFrequencyStringQ16_IT_UpdateFrequencyStringQ16_IT_UpdateFrequencyStringQ16_IT_HydroProcessingEnfStringQ18_IT_HydroProcessingConStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ18_IT_HydroProcessingNoTStringQ16Inland Topo, Processing, No HydrologicQ16IT_HydroProcessingNoTQ18_IT_HydroProcessingNoTStringQ16Inland Topo, Processing, No HydrologicQ18_IT_HydroProcessingNoT <td>Q7_IT_DataType</td> <td>String</td> <td>12</td> <td>Inland Topo, Requirement for Data Type</td>	Q7_IT_DataType	String	12	Inland Topo, Requirement for Data Type
Q11_IT_GeographicRegionTy peString67Inland Topo, Area of Interest Region TypeQ11_IT_GeographicRegionAr eaString4158Inland Topo, Area of Interest Area DescriptionQ12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString20Inland Topo, Acceptable Vertical ErrorQ14_IT_BeachProfileDistanceString352Inland Topo, Distance Down the Beach ProfileQ15a_IT_CrossSectionsTrans ectsMeetNeedsString7Inland Topo, Description of Cross Sections/Transects Meet NeedsQ15b_IT_CrossSectionsTrans ectsRequirementsString634Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem entwariabilityString591Inland Topo, Processing, Hydrologic Flattening eningQ18_IT_HydroProcessingEnf orcementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	Q7_IT_ValuesAdopted	String	3	Inland Topo, Data Type Values from Business
penameQ11_IT_GeographicRegionAr eaString4158Inland Topo, Area of Interest Area DescriptionQ12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString20Inland Topo, Acceptable Vertical ErrorQ14_IT_BeachProfileDistanceString352Inland Topo, Distance Down the Beach ProfileQ15a_IT_CrossSectionsTransString7Inland Topo, Cross Sections or Transects MeetectsMeetNeedsString634Inland Topo, Description of CrossQ15b_IT_CrossSectionsTransString634Inland Topo, Quality LevelQ15c_IT_QualityLevelString42Inland Topo, Update FrequencyQ16_IT_UpdateFrequencyString341Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem eningString591Inland Topo, Processing, Hydrologic Flattening eningQ18_IT_HydroProcessingFlatt eningString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, Hydrologic				Use Averages
Q11_IT_GeographicRegionAr eaString4158Inland Topo, Area of Interest Area DescriptionQ12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString20Inland Topo, Acceptable Vertical ErrorQ14_IT_BeachProfileDistanceString352Inland Topo, Distance Down the Beach ProfileQ15a_IT_CrossSectionsTrans ectsMeetNeedsString7Inland Topo, Cross Sections or Transects Meet NeedsQ15b_IT_CrossSectionsTrans ectsRequirementsString634Inland Topo, Description of Cross Sections/Transects NeededQ15c_IT_QualityLevelString42Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem eningString591Inland Topo, Processing, Hydrologic Flattening eningQ18_IT_HydroProcessingEnf orcementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	Q11_IT_GeographicRegionTy	String	67	Inland Topo, Area of Interest Region Type
eaInland Topo, Acceptable Horizontal ErrorQ12_IT_HorizontalErrorString72Inland Topo, Acceptable Vertical ErrorQ13_IT_VerticalErrorString20Inland Topo, Acceptable Vertical ErrorQ14_IT_BeachProfileDistanceString352Inland Topo, Distance Down the Beach ProfileQ15a_IT_CrossSectionsTransString7Inland Topo, Cross Sections or Transects MeetQ15b_IT_CrossSectionsTransString634Inland Topo, Description of CrossectsRequirementsString42Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Update FrequencyQ16_IT_UpdateEventString591Inland Topo, Variability Across Area of InterestQ18_IT_HydroProcessingEnfString16Inland Topo, Processing, HydrologicQ18_IT_HydroProcessingConString16Inland Topo, Processing, HydrologicQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	pe			
Q12_IT_HorizontalErrorString72Inland Topo, Acceptable Horizontal ErrorQ13_IT_VerticalErrorString20Inland Topo, Acceptable Vertical ErrorQ14_IT_BeachProfileDistanceString352Inland Topo, Distance Down the Beach ProfileQ15a_IT_CrossSectionsTransString7Inland Topo, Cross Sections or Transects Meet NeedsQ15b_IT_CrossSectionsTransString634Inland Topo, Description of Cross Sections/Transects NeededQ15c_IT_QualityLevelString42Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem entwariabilityString591Inland Topo, Processing, Hydrologic Flattening enforcementQ18_IT_HydroProcessingEnf ditioningString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	Q11_IT_GeographicRegionAr	String	4158	Inland Topo, Area of Interest Area Description
Q13_IT_VerticalErrorString20Inland Topo, Acceptable Vertical ErrorQ14_IT_BeachProfileDistanceString352Inland Topo, Distance Down the Beach ProfileQ15a_IT_CrossSectionsTrans ectsMeetNeedsString7Inland Topo, Cross Sections or Transects Meet NeedsQ15b_IT_CrossSectionsTrans ectsMeetNeedsString634Inland Topo, Description of Cross Sections/Transects NeededQ15c_IT_QualityLevelString42Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem entVariabilityString591Inland Topo, Processing, Hydrologic Flattening enforcementQ18_IT_HydroProcessingEnf ditioningString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic				
Q14_IT_BeachProfileDistanceString352Inland Topo, Distance Down the Beach ProfileQ15a_IT_CrossSectionsTrans ectsMeedsString7Inland Topo, Cross Sections or Transects Meet NeedsQ15b_IT_CrossSectionsTrans ectsRequirementsString634Inland Topo, Description of Cross Sections/Transects NeededQ15c_IT_QualityLevelString42Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem entVariabilityString591Inland Topo, Processing, Hydrologic Flattening eningQ18_IT_HydroProcessingEnf orcementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	Q12_IT_HorizontalError	String	72	Inland Topo, Acceptable Horizontal Error
Q15a_IT_CrossSectionsTrans ectsMeetNeedsString7Inland Topo, Cross Sections or Transects Meet NeedsQ15b_IT_CrossSectionsTrans ectsRequirementsString634Inland Topo, Description of Cross Sections/Transects NeededQ15c_IT_QualityLevelString42Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Update FrequencyQ16_IT_UpdateEventString341Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem entVariabilityString591Inland Topo, Processing, Hydrologic Flattening EnforcementQ18_IT_HydroProcessingEnf orcementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic Conditioning	Q13_IT_VerticalError	String	20	Inland Topo, Acceptable Vertical Error
ectsMeetNeedsNeedsQ15b_IT_CrossSectionsTrans ectsRequirementsString634Inland Topo, Description of Cross Sections/Transects NeededQ15c_IT_QualityLevelString42Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Update FrequencyQ16_IT_UpdateEventString341Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem entVariabilityString591Inland Topo, Variability Across Area of InterestQ18_IT_HydroProcessingFlatt eningString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic ConditioningQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, Hydrologic Enforcement	Q14_IT_BeachProfileDistance	String	352	Inland Topo, Distance Down the Beach Profile
Q15b_IT_CrossSectionsTrans ectsRequirementsString634Inland Topo, Description of Cross Sections/Transects NeededQ15c_IT_QualityLevelString42Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Update FrequencyQ16_IT_UpdateEventString341Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem entVariabilityString591Inland Topo, Variability Across Area of InterestQ18_IT_HydroProcessingFlatt entementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic ConditioningQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, Hydrologic Enforcement	Q15a_IT_CrossSectionsTrans	String	7	Inland Topo, Cross Sections or Transects Meet
ectsRequirementsSections/Transects NeededQ15c_IT_QualityLevelString42Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Update FrequencyQ16_IT_UpdateEventString341Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem entVariabilityString591Inland Topo, Variability Across Area of InterestQ18_IT_HydroProcessingFlatt entqString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic ConditioningQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, Hydrologic Enforcement	ectsMeetNeeds			Needs
Q15c_IT_QualityLevelString42Inland Topo, Quality LevelQ16_IT_UpdateFrequencyString390Inland Topo, Update FrequencyQ16_IT_UpdateEventString341Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem entVariabilityString591Inland Topo, Variability Across Area of InterestQ18_IT_HydroProcessingFlatt orcementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, Hydrologic Conditioning	Q15b_IT_CrossSectionsTrans	String	634	Inland Topo, Description of Cross
Q16_IT_UpdateFrequencyString390Inland Topo, Update FrequencyQ16_IT_UpdateEventString341Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem entVariabilityString591Inland Topo, Variability Across Area of InterestQ18_IT_HydroProcessingFlatt eningString16Inland Topo, Processing, Hydrologic FlatteningQ18_IT_HydroProcessingEnf orcementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic ConditioningQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, Hydrologic Conditioning	ectsRequirements			Sections/Transects Needed
Q16_IT_UpdateEventString341Inland Topo, Events Triggering CollectionQ17_IT_GeographicRequirem entVariabilityString591Inland Topo, Variability Across Area of InterestQ18_IT_HydroProcessingFlatt eningString16Inland Topo, Processing, Hydrologic FlatteningQ18_IT_HydroProcessingEnf orcementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, Hydrologic Conditioning	Q15c_IT_QualityLevel	String	42	Inland Topo, Quality Level
Q17_IT_GeographicRequirem entVariabilityString591Inland Topo, Variability Across Area of InterestQ18_IT_HydroProcessingFlatt eningString16Inland Topo, Processing, Hydrologic FlatteningQ18_IT_HydroProcessingEnf orcementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic Conditioning	Q16_IT_UpdateFrequency	String	390	Inland Topo, Update Frequency
entVariabilityImage: String eningImage: String eningImage: String eningImage: String eningQ18_IT_HydroProcessingEnf orcementString16Inland Topo, Processing, Hydrologic Flattening enforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, Hydrologic ConditioningQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic Conditioning	Q16_IT_UpdateEvent	String	341	Inland Topo, Events Triggering Collection
entVariabilityImage: String eningImage: String eningImage: String eningImage: String eningQ18_IT_HydroProcessingEnf orcementString16Inland Topo, Processing, Hydrologic Flattening enforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, Hydrologic ConditioningQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic Conditioning	017 IT Geographic Pequirem	String	501	Inland Topo, Variability Across Area of Interest
Q18_IT_HydroProcessingFlattString16Inland Topo, Processing, Hydrologic FlatteningQ18_IT_HydroProcessingEnfString16Inland Topo, Processing, HydrologicQ18_IT_HydroProcessingConString16Inland Topo, Processing, HydrologicQ18_IT_HydroProcessingConString16Inland Topo, Processing, HydrologicQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, HydrologicQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic		Sumg	571	mand Topo, variaonity Across Area of interest
eningImage: StringImage: StringQ18_IT_HydroProcessingEnf orcementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic ConditioningQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, Hydrologic ConditioningQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic		String	16	Inland Tono Processing Hydrologic Flattening
Q18_IT_HydroProcessingEnf orcementString16Inland Topo, Processing, Hydrologic EnforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic ConditioningQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic Conditioning		Sumg	10	mand Topo, Trocessing, Trydrologie Trattelling
orcementEnforcementQ18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic ConditioningQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic	C	String	16	Inland Topo, Processing, Hydrologic
Q18_IT_HydroProcessingCon ditioningString16Inland Topo, Processing, Hydrologic ConditioningQ18_IT_HydroProcessingNoTString16Inland Topo, Processing, No Hydrologic		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	10	
ditioning Conditioning Q18_IT_HydroProcessingNoT String 16 Inland Topo, Processing, No Hydrologic		String	16	
Q18_IT_HydroProcessingNoT String 16 Inland Topo, Processing, No Hydrologic	· ·			
	•	String	16	
Processing	reatment			Processing

Q19a_IT_SeamlessTemporalS	String	16	Inland Topo, Requirement for Temporal
eason	~ •		Seamlessness, Seasonal
Q19a_IT_SeamlessTemporalE	String	16	Inland Topo, Requirement for Temporal
nvironmental			Seamlessness, Environmental
Q19a_IT_SeamlessTemporal	String	16	Inland Topo, Requirement for Other Temporal
OtherReq			Seamlessness, Respondent Defined
Q19a_IT_SeamlessTemporal	String	540	Inland Topo, Description of Other Temporal
OtherDesc			Seamlessness, Respondent Defined
Q19a_IT_SeamlessSpatialPoi	String	16	Inland Topo, Requirement for Spatial
ntCloud			Seamlessness in Point Cloud Data
Q19a_IT_SeamlessSpatialDE	String	16	Inland Topo, Requirement for Spatial
М			Seamlessness in DEM
Q19a_IT_SeamlessSpatialOth	String	16	Inland Topo, Requirement for Other Spatial
erReq			Seamlessness, Respondent Defined
Q19a_IT_SeamlessSpatialOth	String	453	Inland Topo, Description of Other Spatial
erDesc			Seamlessness, Respondent Defined
Q19b_IT_SeamlessAcceptable	String	488	Inland Topo, Acceptable Vertical Manipulation
VerticalManip			to Create Seamlessness
Q20 IT DataProductDSM	String	16	Inland Topo, Requirement for DSM as a 3D
	C		Product
Q20 IT DataProductDTM	String	16	Inland Topo, Requirement for DTM as a 3D
	C C		Product
Q20 IT DataProductDEM	String	16	Inland Topo, Requirement for DEM as a 3D
	e		Product
Q20 IT DataProductRawPoin	String	16	Inland Topo, Requirement for Raw Point Cloud
tCloud	U		as a 3D Product
Q20 IT DataProductClassifie	String	16	Inland Topo, Requirement for Classified Point
dPointCloud	0		Cloud as a 3D Product
Q20 IT DataProductFullWav	String	16	Inland Topo, Requirement for Full Waveform as
eform	8		a 3D Product
Q20 IT DataProductBreaklin	String	16	Inland Topo, Requirement for Breaklines for
esHydroflattening			Hydro-flattening as a 3D Product
Q20 IT DataProductBreaklin	String	16	Inland Topo, Requirement for Breaklines for
esCulverts	2 11118	10	Hydro-enforcement as a 3D Product
Q20 IT DataProductIntensity	String	16	Inland Topo, Requirement for Intensity Imagery
Imagery	Sung	10	as a 3D Product
Q20 IT DataProductGroundC	String	16	Inland Topo, Requirement for Ground Control
ontrolTruthing	Sung	10	Truthing as a 3D Product
Q20 IT DataProductOtherRe	String	16	Inland Topo, Requirement for Other 3D
	Sums	10	Product(s), Respondent Defined
q Q20 IT DataProductOtherDe	String	203	Inland Topo, Description of Other 3D Product(s)
sc	Sumg	205	Needed, Respondent Defined
Q21 IT IntegrationAerialIma	String	16	Inland Topo, Requirement for Integration with
	Sung	10	Aerial Imagery
gery			Achai Illiagery

Q21_IT_IntegrationGeology	String	16	Inland Topo, Requirement for Integration with Geologic and Seismic Data
Q21_IT_IntegrationShoreline	String	16	Inland Topo, Requirement for Integration with Shoreline Data
Q21_IT_IntegrationLandUseC over	String	16	Inland Topo, Requirement for Integration with Land Use Land Cover Data
Q21_IT_IntegrationWetlands	String	16	Inland Topo, Requirement for Integration with Wetlands Data
Q21_IT_IntegrationSurfaceW ater	String	16	Inland Topo, Requirement for Integration with Surface Water Data
Q21_IT_IntegrationBridgesCu lverts	String	16	Inland Topo, Requirement for Integration with Bridges/Culverts Data
Q21_IT_IntegrationLandmark s	String	16	Inland Topo, Requirement for Integration with Landmarks Data
Q21_IT_IntegrationCulturalR esources	String	16	Inland Topo, Requirement for Integration with Cultural Resources Data
Q21_IT_IntegrationCoastalStr uctures	String	16	Inland Topo, Requirement for Integration with Coastal Structures Data
Q21_IT_IntegrationLowestFlo orElevation	String	16	Inland Topo, Requirement for Integration with Lowest Floor Elevation Data
Q21_IT_IntegrationOtherReq	String	16	Inland Topo, Requirement for Integration with Other Data, Respondent Defined
Q21_IT_IntegrationOtherDesc	String	267	Inland Topo, Description of Other Data for Integration, Respondent Description
Q63_IT_DerivativesTIN	String	3	Inland Topo, Need for 3D Derivative TIN
Q63_IT_DerivativesContours	String	3	Inland Topo, Need for 3D Derivative Contours
Q63_IT_DerivativesHillshade s	String	3	Inland Topo, Need for 3D Derivative Hillshades
Q63_IT_DerivativesSlopeMap	String	3	Inland Topo, Need for 3D Derivative Slope Map
Q63_IT_DerivativesAspectMa	String	3	Inland Topo, Need for 3D Derivative Aspect Map
Q63_IT_DerivativesCurvature Map	String	3	Inland Topo, Need for 3D Derivative Curvature Map
Q63_IT_DerivativesCrossSect	String	3	Inland Topo, Need for 3D Derivative Cross Sections
Q63_IT_DerivativesHeightAb oveGroundMap	String	3	Inland Topo, Need for 3D Derivative Height- above-ground Map
Q63_IT_DerivativesViewshed Map	String	3	Inland Topo, Need for 3D Derivative Viewshed Map
Q63_IT_DerivativesHydrologi	String	3	Inland Topo, Need for 3D Derivative
cFlowDirection			Hydrologic Flow Direction

Q63_IT_DerivativesHydrologi	String	3	Inland Topo, Need for 3D Derivative
cFlowAccumulation			Hydrologic Flow Accumulation
Q63_IT_DerivativesHydrologi	String	3	Inland Topo, Need for 3D Derivative
cNetworks			Hydrologic Networks
Q63_IT_DerivativesHydrologi	String	3	Inland Topo, Need for 3D Derivative
cUnits			Hydrologic Units, Quantitative Benefits Units
Q63_IT_DerivativesBuildingF	String	3	Inland Topo, Need for 3D Derivative Building
ootprints			Footprints
Q63 IT DerivativesBreakline	String	3	Inland Topo, Need for 3D Derivative Breaklines
sForRoadEdge	_		for Road Edge-of-pavement
Q63_IT_DerivativesRugosity	String	3	Inland Topo, Need for 3D Derivative Rugosity
Q63 IT DerivativesOther	String	80	Inland Topo, Description of Other 3D
	Sumg	00	Derivative Needed, Respondent Defined
Q22a IT DataUsedDesc	String	3329	Inland Topo, Description of Current Datasets
	Sumg	5527	Used
Q22b_IT_DataUsedNational	String	3	Inland Topo, Respondent Currently Uses Data
Map	Sung	5	from National Map
-	Stain a	3	*
Q22b_IT_DataUsedDigitalCo	String	3	Inland Topo, Respondent Currently Uses Data
ast	<u> </u>	2	from Digital Coast
Q22b_IT_DataUsedNCEI	String	3	Inland Topo, Respondent Currently Uses Data
	<u> </u>	2	from NCEI
Q22b_IT_DataUsedOpenTopo	String	3	Inland Topo, Respondent Currently Uses Data
	~ .		from Open Topo
Q22b_IT_DataUsedStateRepo	String	709	Inland Topo, Description of Data Currently
sitories			Used from State Respositories
Q22b_IT_DataUsedOther	String	293	Inland Topo, Description of Data Currently
			Used from Other Respositories, Respondent
			Defined
Q22c_IT_CurrentBenefitsOpe	String	12	Inland Topo, Current Benefits from Elevation
rationalTimeSavings			Data, Operational Benefits, Time Savings
Q22c_IT_CurrentBenefitsOpe	String	12	Inland Topo, Current Benefits from Elevation
rationalCostSavings			Data, Operational Benefits, Cost Savings
Q22c_IT_CurrentBenefitsOpe	String	12	Inland Topo, Current Benefits from Elevation
rationalCostAvoidance	-		Data, Operational Benefits, Cost Avoidance
Q22c_IT_CurrentBenefitsOpe	String	12	Inland Topo, Current Benefits from Elevation
rationalIncreasedRevenue			Data, Operational Benefits, Increased Revenue
Q22c IT CurrentBenefitsOpe	String	12	Inland Topo, Current Benefits from Elevation
rationalPerformance	6		Data, Operational Benefits, Performance
Q22c IT CurrentBenefitsCust	String	12	Inland Topo, Current Benefits from Elevation
SvcValueAdded	8		Data, Customer Service Benefits, Value Added
Q22c_IT_CurrentBenefitsCust	String	12	Inland Topo, Current Benefits from Elevation
SvcTimeliness	~~~~~	12	Data, Customer Service Benefits, Timeliness
5 • • • • • • • • • • • • • • • • • • •	L		Data, Customer Service Denemits, Timenness

Q22c_IT_CurrentBenefitsCust SvcExperience	String	12	Inland Topo, Current Benefits from Elevation Data, Customer Service Benefits, Experience
Q22c IT CurrentBenefitsSoci	String	12	Inland Topo, Current Benefits from Elevation
etalEducationOutreach	Sung	12	Data, Societal Benefits, Education/Outreach
	Stains	12	
Q22c_IT_CurrentBenefitsSoci	String	12	Inland Topo, Current Benefits from Elevation
etalEnvironmental	C turing	10	Data, Societal Benefits, Environmental
Q22c_IT_CurrentBenefitsSoci	String	12	Inland Topo, Current Benefits from Elevation
etalPublicSafety	a .:		Data, Societal Benefits, Public Safety
Q22c_IT_CurrentBenefitsOth	String	8	Inland Topo, Current Benefits from Elevation
erReq	~ .		Data, Respondent Defined
Q22c_IT_CurrentBenefitsOth	String	513	Inland Topo, Current Benefits from Elevation
erDesc			Data, Respondent Defined
Q23a1_IT_FutBenOperational	String	12	Inland Topo, Future Benefits from Elevation
TimeSaveFieldVistQualitative			Data that Meets Requirements, Operational
			Benefits, Time Savings, Field Visits, Qualitative
			Benefits
Q23a1_IT_FutBenOperational	String	28	Inland Topo, Future Benefits from Elevation
TimeSaveFieldVistUnits			Data that Meets Requirements, Operational
			Benefits, Time Savings, Field Visits,
			Quantitative Benefits Units
Q23a1_IT_FutBenOperational	Double	8	Inland Topo, Future Benefits from Elevation
TimeSaveFieldVistQuantitativ			Data that Meets Requirements, Operational
eMin			Benefits, Time Savings, Field Visits, Minimum
			Quantitative Benefits
Q23a1_IT_FutBenOperational	Double	8	Inland Topo, Future Benefits from Elevation
TimeSaveFieldVistQuantitativ			Data that Meets Requirements, Operational
eMax			Benefits, Time Savings, Field Visits, Maximum
			Quantitative Benefits
Q23a1_IT_FutBenOperational	String	543	Inland Topo, Future Benefits from Elevation
TimeSaveFieldVistDescriptio	Sumg	515	Data that Meets Requirements, Operational
			Benefits, Time Savings, Field Visits,
n			Description
Q23a2 IT FutBenOperational	String	12	Inland Topo, Future Benefits from Elevation
TimeSaveProceduresQualitati	Sung	12	Data that Meets Requirements, Operational
ve			Benefits, Time Savings, Procedures, Qualitative
02202 IT EutPonOmention-1	String	28	Benefits Inland Topo, Future Benefits from Elevation
Q23a2_IT_FutBenOperational	String	20	
TimeSaveProceduresUnits			Data that Meets Requirements, Operational
			Benefits, Time Savings, Procedures,
	D 11	0	Quantitative Benefits Units
Q23a2_IT_FutBenOperational	Double	8	Inland Topo, Future Benefits from Elevation
TimeSaveProceduresQuantitat			Data that Meets Requirements, Operational
iveMin			Benefits, Time Savings, Procedures, Minimum
			Quantitative Benefits

Q23a2_IT_FutBenOperational TimeSaveProceduresQuantitat iveMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Procedures, Maximum Quantitative Benefits
Q23a2_IT_FutBenOperational TimeSaveProceduresDescripti on	String	382	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Procedures, Description
Q23a3_IT_FutBenOperational TimeSaveDataManipQualitati ve	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Qualitative Benefits
Q23a3_IT_FutBenOperational TimeSaveDataManipUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Quantitative Benefits Units
Q23a3_IT_FutBenOperational TimeSaveDataManipQuantitat iveMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Minimum Quantitative Benefits
Q23a3_IT_FutBenOperational TimeSaveDataManipQuantitat iveMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Maximum Quantitative Benefits
Q23a3_IT_FutBenOperational TimeSaveDataManipDescripti on	String	392	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Description
Q23a4_IT_FutBenOperational TimeSaveDataErrorQualitativ e	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Qualitative Benefits
Q23a4_IT_FutBenOperational TimeSaveDataErrorUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Quantitative Benefits Units
Q23a4_IT_FutBenOperational TimeSaveDataErrorQuantitati veMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Minimum Quantitative Benefits
Q23a4_IT_FutBenOperational TimeSaveDataErrorQuantitati veMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Maximum Quantitative Benefits

Q23a4_IT_FutBenOperational TimeSaveDataErrorDescriptio n	String	278	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Description
Q23a5_IT_FutBenOperational TimeSaveInOfficeQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Qualitative Benefits
Q23a5_IT_FutBenOperational TimeSaveInOfficeUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Quantitative Benefits Units
Q23a5_IT_FutBenOperational TimeSaveInOfficeQuantitative Min	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Minimum Quantitative Benefits
Q23a5_IT_FutBenOperational TimeSaveInOfficeQuantitative Max	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Maximum Quantitative Benefits
Q23a5_IT_FutBenOperational TimeSaveInOfficeDescription	String	331	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Description
Q23a6_IT_FutBenOperational TimeSaveStreamlineQualitativ e	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Qualitative Benefits
Q23a6_IT_FutBenOperational TimeSaveStreamlineUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Quantitative Benefits Units
Q23a6_IT_FutBenOperational TimeSaveStreamlineQuantitati veMin	Double	8	Inland Topo, Future Benefits from ElevationData that Meets Requirements, OperationalBenefits, Time Savings, Streamlined Operations,Minimum Quantitative Benefits
Q23a6_IT_FutBenOperational TimeSaveStreamlineQuantitati veMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Maximum Quantitative Benefits
Q23a6_IT_FutBenOperational TimeSaveStreamlineDescripti on	String	300	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Description

Q23a7_IT_FutBenOperational TimeSaveOtherQualitative	String	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Qualitative Benefits, Respondent Defined
Q23a7_IT_FutBenOperational TimeSaveOtherUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Quantitative Benefits Units, Respondent Defined
Q23a7_IT_FutBenOperational TimeSaveOtherQuantitativeM in	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Minimum Quantitative Benefits, Respondent Defined
Q23a7_IT_FutBenOperational TimeSaveOtherQuantitativeM ax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Maximum Quantitative Benefits, Respondent Defined
Q23a7_IT_FutBenOperational TimeSaveOtherDescription	String	328	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Description, Respondent Defined
Q23b1_IT_FutBenOperational CostSaveDataAcqQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Qualitative Benefits
Q23b1_IT_FutBenOperational CostSaveDataAcqUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Quantitative Benefits Units
Q23b1_IT_FutBenOperational CostSaveDataAcqQuantitative Min	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Minimum Quantitative Benefits
Q23b1_IT_FutBenOperational CostSaveDataAcqQuantitative Max	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Maximum Quantitative Benefits
Q23b1_IT_FutBenOperational CostSaveDataAcqDescription	String	506	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Description
Q23b2_IT_FutBenOperational CostSaveMaterialsQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Qualitative Benefits

Q23b2_IT_FutBenOperational CostSaveMaterialsUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Quantitative Benefits Units
Q23b2_IT_FutBenOperational CostSaveMaterialsQuantitativ eMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Minimum Quantitative Benefits
Q23b2_IT_FutBenOperational CostSaveMaterialsQuantitativ eMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Maximum Quantitative Benefits
Q23b2_IT_FutBenOperational CostSaveMaterialsDescription	String	304	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Description
Q23b3_IT_FutBenOperational CostSaveOtherQualitative	String	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Qualitative Benefits, Respondent Defined
Q23b3_IT_FutBenOperational CostSaveOtherUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Quantitative Benefits Units, Respondent Defined
Q23b3_IT_FutBenOperational CostSaveOtherQuantitativeMi n	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Minimum Quantitative Benefits, Respondent Defined
Q23b3_IT_FutBenOperational CostSaveOtherQuantitativeMa x	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Maximum Quantitative Benefits, Respondent Defined
Q23b3_IT_FutBenOperational CostSaveOtherDescription	String	224	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Description, Respondent Defined
Q23c1_IT_FutBenOperational CostAvoidProcessingQualitati ve	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Qualitative Benefits
Q23c1_IT_FutBenOperational CostAvoidProcessingUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Quantitative Benefits Units

Q23c1_IT_FutBenOperational CostAvoidProcessingQuantitat iveMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Minimum Quantitative Benefits
Q23c1_IT_FutBenOperational CostAvoidProcessingQuantitat iveMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Maximum Quantitative Benefits
Q23c1_IT_FutBenOperational CostAvoidProcessingDescripti on	String	266	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Description
Q23c2_IT_FutBenOperational CostAvoidDataErrorQualitativ e	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Qualitative Benefits
Q23c2_IT_FutBenOperational CostAvoidDataErrorUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Quantitative Benefits Units
Q23c2_IT_FutBenOperational CostAvoidDataErrorQuantitati veMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Minimum Quantitative Benefits
Q23c2_IT_FutBenOperational CostAvoidDataErrorQuantitati veMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Maximum Quantitative Benefits
Q23c2_IT_FutBenOperational CostAvoidDataErrorDescripti on	String	227	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Description
Q23c3_IT_FutBenOperational CostAvoidPropertyLossQualit ative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Qualitative Benefits
Q23c3_IT_FutBenOperational CostAvoidPropertyLossUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Quantitative Benefits Units
Q23c3_IT_FutBenOperational CostAvoidPropertyLossQuanti tativeMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Minimum Quantitative Benefits

Q23c3_IT_FutBenOperational CostAvoidPropertyLossQuanti tativeMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Maximum Quantitative Benefits
Q23c3_IT_FutBenOperational CostAvoidPropertyLossDescri ption	String	463	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Description
Q23c4_IT_FutBenOperational CostAvoidAccidentQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Qualitative Benefits
Q23c4_IT_FutBenOperational CostAvoidAccidentUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Quantitative Benefits Units
Q23c4_IT_FutBenOperational CostAvoidAccidentQuantitati veMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Minimum Quantitative Benefits
Q23c4_IT_FutBenOperational CostAvoidAccidentQuantitati veMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Maximum Quantitative Benefits
Q23c4_IT_FutBenOperational CostAvoidAccidentDescriptio n	String	297	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Description
Q23c5_IT_FutBenOperational CostAvoidOtherQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Qualitative Benefits, Respondent Defined
Q23c5_IT_FutBenOperational CostAvoidOtherUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Quantitative Benefits Units, Respondent Defined
Q23c5_IT_FutBenOperational CostAvoidOtherQuantitative Min	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Minimum Quantitative Benefits, Respondent Defined
Q23c5_IT_FutBenOperational CostAvoidOtherQuantitative Max	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Maximum Quantitative Benefits, Respondent Defined

Q23c5_IT_FutBenOperational CostAvoidOtherDescription	String	492	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Description, Respondent Defined
Q23d1_IT_FutBenOperational RevenueYieldsQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Qualitative Benefits
Q23d1_IT_FutBenOperational RevenueYieldsUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Quantitative Benefits Units
Q23d1_IT_FutBenOperational RevenueYieldsQuantitativeMi n	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Minimum Quantitative Benefits
Q23d1_IT_FutBenOperational RevenueYieldsQuantitativeMa x	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Maximum Quantitative Benefits
Q23d1_IT_FutBenOperational RevenueYieldsDescription	String	320	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Description
Q23d2_IT_FutBenOperational RevenueCargoQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Qualitative Benefits
Q23d2_IT_FutBenOperational RevenueCargoUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Quantitative Benefits Units
Q23d2_IT_FutBenOperational RevenueCargoQuantitativeMi n	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Minimum Quantitative Benefits
Q23d2_IT_FutBenOperational RevenueCargoQuantitativeMa x	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Maximum Quantitative Benefits
Q23d2_IT_FutBenOperational RevenueCargoDescription	String	249	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Description

Q23d3_IT_FutBenOperational RevenueProductsQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New
			Products/Services/Applications, Qualitative Benefits
Q23d3_IT_FutBenOperational RevenueProductsUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New
			Products/Services/Applications, Quantitative Benefits Units
Q23d3_IT_FutBenOperational RevenueProductsQuantitative	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational
Min			Benefits, Increased Revenue, New Products/Services/Applications, Minimum Quantitative Benefits
Q23d3_IT_FutBenOperational RevenueProductsQuantitative Max	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New
			Products/Services/Applications, Maximum Quantitative Benefits
Q23d3_IT_FutBenOperational RevenueProductsDescription	String	356	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New
Q23d4_IT_FutBenOperational RevenueOtherQualitative	String	8	Products/Services/Applications, Description Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Qualitative Benefits, Respondent Defined
Q23d4_IT_FutBenOperational RevenueOtherUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Quantitative Benefits Units, Respondent Defined
Q23d4_IT_FutBenOperational RevenueOtherQuantitativeMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Minimum Quantitative Benefits, Respondent Defined
Q23d4_IT_FutBenOperational RevenueOtherQuantitativeMa x	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Maximum Quantitative Benefits, Respondent Defined
Q23d4_IT_FutBenOperational RevenueOtherDescription	String	222	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Description, Respondent Defined

Q23e1_IT_FutBenOperational PerformProgEffectQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Qualitative Benefits
Q23e1_IT_FutBenOperational PerformProgEffectUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Quantitative Benefits Units
Q23e1_IT_FutBenOperational PerformProgEffectQuantitativ eMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Minimum Quantitative Benefits
Q23e1_IT_FutBenOperational PerformProgEffectQuantitativ eMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Maximum Quantitative Benefits
Q23e1_IT_FutBenOperational PerformProgEffectDescription	String	382	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Description
Q23e2_IT_FutBenOperational PerformMissionQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Qualitative Benefits
Q23e2_IT_FutBenOperational PerformMissionUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Quantitative Benefits Units
Q23e2_IT_FutBenOperational PerformMissionQuantitativeM in	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Minimum Quantitative Benefits
Q23e2_IT_FutBenOperational PerformMissionQuantitativeM ax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Maximum Quantitative Benefits
Q23e2_IT_FutBenOperational PerformMissionDescription	String	635	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Description
Q23e3_IT_FutBenOperational PerformProductsQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Qualitative Benefits

Q23e3_IT_FutBenOperational PerformProductsUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Quantitative Benefits Units
Q23e3_IT_FutBenOperational PerformProductsQuantitative Min	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Minimum Quantitative Benefits
Q23e3_IT_FutBenOperational PerformProductsQuantitative Max	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Maximum Quantitative Benefits
Q23e3_IT_FutBenOperational PerformProductsDescription	String	447	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Description
Q23e4_IT_FutBenOperational PerformOtherQualitative	String	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Qualitative Benefits, Respondent Defined
Q23e4_IT_FutBenOperational PerformOtherUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Quantitative Benefits Units, Respondent Defined
Q23e4_IT_FutBenOperational PerformOtherQuantitativeMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Minimum Quantitative Benefits, Respondent Defined
Q23e4_IT_FutBenOperational PerformOtherQuantitativeMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Maximum Quantitative Benefits, Respondent Defined
Q23e4_IT_FutBenOperational PerformOtherDescription	String	223	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Description, Respondent Defined
Q23f1_IT_FutBenOperational OtherQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Qualitative Benefits, Respondent Defined
Q23f1_IT_FutBenOperational OtherUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Quantitative Benefits Units, Respondent Defined

Q23f1_IT_FutBenOperational	Double	8	Inland Topo, Future Benefits from Elevation
OtherQuantitativeMin			Data that Meets Requirements, Other
			Operational Benefits, Minimum Quantitative
			Benefits, Respondent Defined
Q23f1 IT FutBenOperational	Double	8	Inland Topo, Future Benefits from Elevation
OtherQuantitativeMax			Data that Meets Requirements, Other
			Operational Benefits, Maximum Quantitative
			Benefits, Respondent Defined
Q23f1 IT FutBenOperational	String	492	Inland Topo, Future Benefits from Elevation
OtherDescription	Sumg	.,2	Data that Meets Requirements, Other
Stater Description			Operational Benefits, Description, Respondent
			Defined
Q23 IT FutBenOperationalPo	String	14	Inland Topo, Future Benefits from Elevation
tentialUnits	Sumg	11	Data that Meets Requirements, Operational
tentiarenits			Benefits, Potential Benefits, Quantitative
			Benefits Units
Q23_IT_FutBenOperationalPo	Double	8	Inland Topo, Future Benefits from Elevation
tentialQuantitativeMin	Double	0	Data that Meets Requirements, Operational
tentialQuantitativeiviin			Benefits, Potential Benefits, Minimum
			Quantitative Benefits
Q23 IT FutBenOperationalPo	Double	8	Inland Topo, Future Benefits from Elevation
tentialQuantitativeMax	Double	0	Data that Meets Requirements, Operational
tentialQuantitativerviax			Benefits, Potential Benefits, Maximum
			Quantitative Benefits
Q23 IT FutBenOperationalPo	String	255	Inland Topo, Future Benefits from Elevation
tentialDescription	Sung	233	Data that Meets Requirements, Operational
tentialDescription			Benefits, Potential Benefits, Description
Q23g1 IT FutBenCustSvcVal	String	12	Inland Topo, Future Benefits from Elevation
	Sung	12	<u>^</u>
ueAddedProductsQualitative			Data that Meets Requirements, Customer Service Benefits, Value Added, New
			Products/Services/Applications, Qualitative Benefits
O22 al IT EutDar Cust Sus Val	String	28	Inland Topo, Future Benefits from Elevation
Q23g1_IT_FutBenCustSvcVal ueAddedProductsUnits	String	28	
ueAddedProductsOnits			Data that Meets Requirements, Customer
			Service Benefits, Value Added, New
			Products/Services/Applications, Quantitative
O22 al IT EatDar Cost Cost V 1	Darble	0	Benefits Units
Q23g1_IT_FutBenCustSvcVal	Double	8	Inland Topo, Future Benefits from Elevation
ueAddedProductsQuantitative			Data that Meets Requirements, Customer
Min			Service Benefits, Value Added, New
			Products/Services/Applications, Minimum
			Quantitative Benefits

Q23g1_IT_FutBenCustSvcVal ueAddedProductsQuantitative Max	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Maximum Quantitative Benefits
Q23g1_IT_FutBenCustSvcVal ueAddedProductsDescription	String	333	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Description
Q23g2_IT_FutBenCustSvcVal ueAddedAccuracyQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Qualitative Benefits
Q23g2_IT_FutBenCustSvcVal ueAddedAccuracyUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Quantitative Benefits Units
Q23g2_IT_FutBenCustSvcVal ueAddedAccuracyQuantitative Min	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Minimum Quantitative Benefits
Q23g2_IT_FutBenCustSvcVal ueAddedAccuracyQuantitative Max	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Maximum Quantitative Benefits
Q23g2_IT_FutBenCustSvcVal ueAddedAccuracyDescription	String	373	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Description
Q23g3_IT_FutBenCustSvcVal ueAddedOtherQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Qualitative Benefits, Respondent Defined
Q23g3_IT_FutBenCustSvcVal ueAddedOtherUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Quantitative Benefits Units, Respondent Defined
Q23g3_IT_FutBenCustSvcVal ueAddedOtherQuantitativeMi n	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Minimum Quantitative Benefits, Respondent Defined

Q23g3 IT FutBenCustSvcVal	Double	8	Inland Topo, Future Benefits from Elevation
ueAddedOtherQuantitativeMa	Double	0	Data that Meets Requirements, Customer
X			Service Benefits, Value Added, Maximum
Λ			Quantitative Benefits, Respondent Defined
Q23g3 IT FutBenCustSvcVal	String	387	Inland Topo, Future Benefits from Elevation
ueAddedOtherDescription	Sung	307	Data that Meets Requirements, Customer
ueAddedOtherDescription			Service Benefits, Value Added, Description,
O221.1 IT FortDay CoastCoast	Ctuins	10	Respondent Defined
Q23h1_IT_FutBenCustSvcTi	String	12	Inland Topo, Future Benefits from Elevation
melinessReviewsQualitative			Data that Meets Requirements, Customer
			Service Benefits, Timeliness, Reviews and
			Approvals, Qualitative Benefits
Q23h1_IT_FutBenCustSvcTi	String	28	Inland Topo, Future Benefits from Elevation
melinessReviewsUnits			Data that Meets Requirements, Customer
			Service Benefits, Timeliness, Reviews and
			Approvals, Quantitative Benefits Units
Q23h1_IT_FutBenCustSvcTi	Double	8	Inland Topo, Future Benefits from Elevation
melinessReviewsQuantitative			Data that Meets Requirements, Customer
Min			Service Benefits, Timeliness, Reviews and
			Approvals, Minimum Quantitative Benefits
Q23h1_IT_FutBenCustSvcTi	Double	8	Inland Topo, Future Benefits from Elevation
melinessReviewsQuantitative			Data that Meets Requirements, Customer
Max			Service Benefits, Timeliness, Reviews and
			Approvals, Maximum Quantitative Benefits
Q23h1 IT FutBenCustSvcTi	String	363	Inland Topo, Future Benefits from Elevation
melinessReviewsDescription			Data that Meets Requirements, Customer
			Service Benefits, Timeliness, Reviews and
			Approvals, Description
Q23h2 IT FutBenCustSvcTi	String	12	Inland Topo, Future Benefits from Elevation
melinessIncidentQualitative	C		Data that Meets Requirements, Customer
			Service Benefits, Timeliness, Response to
			Incidents or Events, Qualitative Benefits
Q23h2_IT_FutBenCustSvcTi	String	28	Inland Topo, Future Benefits from Elevation
melinessIncidentUnits	8		Data that Meets Requirements, Customer
			Service Benefits, Timeliness, Response to
			Incidents or Events, Quantitative Benefits Units
Q23h2 IT FutBenCustSvcTi	Double	8	Inland Topo, Future Benefits from Elevation
melinessIncidentQuantitative	204010	Ĭ	Data that Meets Requirements, Customer
Min			Service Benefits, Timeliness, Response to
			Incidents or Events, Minimum Quantitative
			Benefits
			Denentis

Q23h2_IT_FutBenCustSvcTi melinessIncidentQuantitative Max	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Maximum Quantitative Benefits
Q23h2_IT_FutBenCustSvcTi melinessIncidentDescription	String	363	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Description
Q23h3_IT_FutBenCustSvcTi melinessRecoveryQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Qualitative Benefits
Q23h3_IT_FutBenCustSvcTi melinessRecoveryUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Quantitative Benefits Units
Q23h3_IT_FutBenCustSvcTi melinessRecoveryQuantitative Min	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Minimum Quantitative Benefits
Q23h3_IT_FutBenCustSvcTi melinessRecoveryQuantitative Max	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Maximum Quantitative Benefits
Q23h3_IT_FutBenCustSvcTi melinessRecoveryDescription	String	363	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Description
Q23h4_IT_FutBenCustSvcTi melinessAssistanceQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Qualitative Benefits
Q23h4_IT_FutBenCustSvcTi melinessAssistanceUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Quantitative Benefits Units
Q23h4_IT_FutBenCustSvcTi melinessAssistanceQuantitativ eMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Minimum Quantitative Benefits

Q23h4_IT_FutBenCustSvcTi melinessAssistanceQuantitativ eMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Maximum Quantitative Benefits
Q23h4_IT_FutBenCustSvcTi melinessAssistanceDescriptio n	String	482	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Description
Q23h5_IT_FutBenCustSvcTi melinessProductsQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Qualitative Benefits
Q23h5_IT_FutBenCustSvcTi melinessProductsUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Quantitative Benefits Units
Q23h5_IT_FutBenCustSvcTi melinessProductsQuantitative Min	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Minimum Quantitative Benefits
Q23h5_IT_FutBenCustSvcTi melinessProductsQuantitative Max	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Maximum Quantitative Benefits
Q23h5_IT_FutBenCustSvcTi melinessProductsDescription	String	363	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Description
Q23h6_IT_FutBenCustSvcTi melinessWarningsQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Qualitative Benefits
Q23h6_IT_FutBenCustSvcTi melinessWarningsUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Quantitative Benefits Units
Q23h6_IT_FutBenCustSvcTi melinessWarningsQuantitative Min	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Minimum Quantitative Benefits

Q23h6_IT_FutBenCustSvcTi melinessWarningsQuantitative Max	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Maximum Quantitative Benefits
Q23h6_IT_FutBenCustSvcTi melinessWarningsDescription	String	363	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Description
Q23h7_IT_FutBenCustSvcTi melinessOtherQualitative	String	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Qualitative Benefits, Respondent Defined
Q23h7_IT_FutBenCustSvcTi melinessOtherUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Quantitative Benefits Units, Respondent Defined
Q23h7_IT_FutBenCustSvcTi melinessOtherQuantitativeMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Minimum Quantitative Benefits, Respondent Defined
Q23h7_IT_FutBenCustSvcTi melinessOtherQuantitativeMa x	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Maximum Quantitative Benefits, Respondent Defined
Q23h7_IT_FutBenCustSvcTi melinessOtherDescription	String	176	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Description, Respondent Defined
Q23i1_IT_FutBenCustSvcCus tExpConfidenceQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Qualitative Benefits
Q23i1_IT_FutBenCustSvcCus tExpConfidenceUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Quantitative Benefits Units
Q23i1_IT_FutBenCustSvcCus tExpConfidenceQuantitativeM in	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Minimum Quantitative Benefits
Q23i1_IT_FutBenCustSvcCus tExpConfidenceQuantitativeM ax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Maximum Quantitative Benefits

Q23i1_IT_FutBenCustSvcCus tExpConfidenceDescription	String	368	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Description
Q23i2_IT_FutBenCustSvcCus tExpServicesQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Qualitative Benefits
Q23i2_IT_FutBenCustSvcCus tExpServicesUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Quantitative Benefits Units
Q23i2_IT_FutBenCustSvcCus tExpServicesQuantitativeMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Minimum Quantitative Benefits
Q23i2_IT_FutBenCustSvcCus tExpServicesQuantitativeMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Maximum Quantitative Benefits
Q23i2_IT_FutBenCustSvcCus tExpServicesDescription	String	409	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Description
Q23i3_IT_FutBenCustSvcCus tExpAvailabilityQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Qualitative Benefits
Q23i3_IT_FutBenCustSvcCus tExpAvailabilityUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Quantitative Benefits Units
Q23i3_IT_FutBenCustSvcCus tExpAvailabilityQuantitative Min	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Minimum Quantitative Benefits
Q23i3_IT_FutBenCustSvcCus tExpAvailabilityQuantitative Max	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Maximum Quantitative Benefits
Q23i3_IT_FutBenCustSvcCus tExpAvailabilityDescription	String	353	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Description
--	--------	-----	---
Q23i4_IT_FutBenCustSvcCus tExpOtherQualitative	String	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Qualitative Benefits, Respondent Defined
Q23i4_IT_FutBenCustSvcCus tExpOtherUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Quantitative Benefits Units, Respondent Defined
Q23i4_IT_FutBenCustSvcCus tExpOtherQuantitativeMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Minimum Quantitative Benefits, Respondent Defined
Q23i4_IT_FutBenCustSvcCus tExpOtherQuantitativeMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Maximum Quantitative Benefits, Respondent Defined
Q23i4_IT_FutBenCustSvcCus tExpOtherDescription	String	146	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Description, Respondent Defined
Q23j1_IT_FutBenCustSvcOth erQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Qualitative Benefits, Respondent Defined
Q23j1_IT_FutBenCustSvcOth erUnits	String	28	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Quantitative Benefits Units, Respondent Defined
Q23j1_IT_FutBenCustSvcOth erQuantitativeMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Minimum Quantitative Benefits, Respondent Defined
Q23j1_IT_FutBenCustSvcOth erQuantitativeMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Maximum Quantitative Benefits, Respondent Defined
Q23j1_IT_FutBenCustSvcOth erDescription	String	473	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Description, Respondent Defined

Q23_IT_FutBenCustSvcPoten tialUnits	String	14	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Potential Benefits, Quantitative Benefits Units
Q23_IT_FutBenCustSvcPoten tialQuantitativeMin	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Potential Benefits, Minimum Quantitative Benefits
Q23_IT_FutBenCustSvcPoten tialQuantitativeMax	Double	8	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Potential Benefits, Maximum Quantitative Benefits
Q23_IT_FutBenCustSvcPoten tialDescription	String	878	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Potential Benefits, Description
Q23k1_IT_FutBenSocietalEd ucationQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Education/Outreach, Qualitative Benefits
Q23k1_IT_FutBenSocietalEd ucationDescription	String	355	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Education/Outreach, Description
Q23k2_IT_FutBenSocietalEn vironmentalQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Environmental, Qualitative Benefits
Q23k2_IT_FutBenSocietalEn vironmentalDescription	String	661	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Environmental, Description
Q23k3_IT_FutBenSocietalPub licSafetyQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Public Safety, Qualitative Benefits
Q23k3_IT_FutBenSocietalPub licSafetyDescription	String	554	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Public Safety, Description
Q2311_IT_FutBenSocietalOth erQualitative	String	12	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Other Societal Benefits, Qualitative Benefits, Respondent Defined
Q2311_IT_FutBenSocietalOth erDescription	String	276	Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Other Societal Benefits, Description, Respondent Defined
Q7_IB_DataType	String	16	Inland Bathy, Requirement for Data Type

Q7_IB_ValuesAdopted	String	3	Inland Bathy, Data Type Values from Business Use Averages
Q24_IB_GeographicRegionTy pe	String	67	Inland Bathy, Area of Interest Region Type
Q24_IB_GeographicRegionAr ea	String	4158	Inland Bathy, Area of Interest Area Description
Q26_IB_HorizontalError	String	72	Inland Bathy, Acceptable Horizontal Error
Q27_IB_VerticalError	String	20	Inland Bathy, Acceptable Vertical Error
Q28a_IB_CrossSectionsTrans ectsMeetNeeds	String	7	Inland Bathy, Cross Sections or Transects Meet Needs
Q28b_IB_CrossSectionsTrans ectsRequirements	String	626	Inland Bathy, Description of Cross Sections/Transects Needed
Q28c_IB_QualityLevel	String	100	Inland Bathy, Quality Level
Q29_IB_UpdateFrequency	String	196	Inland Bathy, Update Frequency
Q29_IB_UpdateEvent	String	117	Inland Bathy, Events Triggering Collection
Q25a_IB_FeatureSizeNavigab	String	16	Inland Bathy, Requirement for U.S. Army Corps
leChannels			of Engineers Maintained Navigable Channels
Q25a_IB_FeatureSizeRiverUn	String	16	Inland Bathy, Requirement for Streams/Rivers
der10ft			Under 10 Feet Across
Q25a_IB_FeatureSizeRiver10t o50ft	String	16	Inland Bathy, Requirement for Streams/Rivers Between 10 and 50 Feet Across
Q25a IB FeatureSizeRiver51t	String	16	Inland Bathy, Requirement for Streams/Rivers
o100ft	Sung	10	Between 51 and 100 Feet Across
Q25a IB FeatureSizeRiver10	String	16	Inland Bathy, Requirement for Streams/Rivers
1to500ft	C		Between 101 and 500 Feet Across
Q25a IB FeatureSizeRiver50	String	16	Inland Bathy, Requirement for Streams/Rivers
1to2500ft	C		Between 501 and 2,500 Feet Across
Q25a_IB_FeatureSizeRiverOv	String	16	Inland Bathy, Requirement for Streams/Rivers
er2500ft			Over 2,500 Feet Across
Q25b_IB_FeatureSizeRiverOt	String	16	Inland Bathy, Requirement for Streams/Rivers
herReq			of Other Widths or Types, Respondent Defined
Q25b_IB_FeatureSizeRiverOt	String	52	Inland Bathy, Description of Stream/River
herDesc			Widths or Types, Respondent Defined
Q25a_IB_FeatureSizeWaterbo	String	16	Inland Bathy, Requirement for Waterbody
dyUnder0_5acre			Features Under 0.5 Acres
Q25a_IB_FeatureSizeWaterbo	String	16	Inland Bathy, Requirement for Waterbody
dy0_5to1acre			Features Between 0.5 and 1 Acre
Q25a_IB_FeatureSizeWaterbo	String	16	Inland Bathy, Requirement for Waterbody
dy1_1to2acre			Features Between 1.1 and 2 Acres
Q25a_IB_FeatureSizeWaterbo	String	16	Inland Bathy, Requirement for Waterbody
dy2_1to5acre			Features Between 2.1 and 5 Acres

D-39 3D Nation Elevation Requirements and Benefits Study Task 4 Report – Appendix D

Q25a_IB_FeatureSizeWaterbo	String	16	Inland Bathy, Requirement for Waterbody
dy5_1to10acre	~ •		Features Between 5.1 and 10 Acres
Q25a_IB_FeatureSizeWaterbo	String	16	Inland Bathy, Requirement for Waterbody
dyOver10acre			Features Over 10 Acres
Q25b_IB_FeatureSizeWaterbo	String	16	Inland Bathy, Requirement for Waterbody
dyOtherReq			Features of Other Sizes or Types, Respondent
			Defined
Q25b_IB_FeatureSizeWaterbo	String	207	Inland Bathy, Description of Waterbody
dyOtherDesc			Features of Other Sizes or Types, Respondent
			Defined
Q30a_IB_SeamlessTemporalS	String	16	Inland Bathy, Requirement for Temporal
eason			Seamlessness, Seasonal
Q30a IB SeamlessTemporalE	String	16	Inland Bathy, Requirement for Temporal
nvironmental			Seamlessness, Environmental
Q30a IB SeamlessTemporal	String	16	Inland Bathy, Requirement for Other Temporal
OtherReq			Seamlessness, Respondent Defined
Q30a IB SeamlessTemporal	String	204	Inland Bathy, Description of Other Temporal
OtherDesc			Seamlessness, Respondent Defined
Q30a IB SeamlessSpatialPoi	String	16	Inland Bathy, Requirement for Spatial
ntCloud			Seamlessness in Point Cloud Data
Q30a IB SeamlessSpatialDE	String	16	Inland Bathy, Requirement for Spatial
M	-		Seamlessness in DEM
Q30a IB SeamlessSpatialOth	String	16	Inland Bathy, Requirement for Other Spatial
erReq			Seamlessness, Respondent Defined
Q30a IB SeamlessSpatialOth	String	51	Inland Bathy, Description of Other Spatial
erDesc	-		Seamlessness, Respondent Defined
Q30b IB SeamlessAcceptabl	String	153	Inland Bathy, Acceptable Vertical Manipulation
eVerticalManip	C		to Create Seamlessness
Q31a IB SeamlessInterIntegr	String	16	Inland Bathy, Inland Topo, Requirement for
ation	C		Seamlessness Between Inland Topo and Inland
			Bathy
Q31b_IB_SeamlessInterTemp	String	16	Inland Bathy, Inland Topo, Requirement for
oralSeason	0		Seamlessness Between Inland Topo and Inland
			Bathy, Seasonal
Q31b IB SeamlessInterTemp	String	16	Inland Bathy, Inland Topo, Requirement for
oralEnvironmental	8		Seamlessness Between Inland Topo and Inland
			Bathy, Environmental
Q31b IB SeamlessInterTemp	String	16	Inland Bathy, Inland Topo, Temporal
oralOtherReq	241115		Seamlessness Between Inland Topo and Inland
			Bathy, Respondent Defined
Q31b IB SeamlessInterTemp	String	204	Inland Bathy, Inland Topo, Temporal
oralOtherDesc	Sumg	201	Seamlessness Between Inland Topo and Inland
			Bathy, Respondent Defined
			Damy, Respondent Denned

Q31b_IB_SeamlessInterSpatia IPointCloud	String	16	Inland Bathy, Inland Topo, Requirement for Spatial Seamlessness Between Inland Topo and
			Inland Bathy, Point Cloud
Q31b_IB_SeamlessInterSpatia	String	16	Inland Bathy, Inland Topo, Requirement for
1DEM			Spatial Seamlessness Between Inland Topo and
			Inland Bathy, DEM
Q31b_IB_SeamlessInterSpatia	String	16	Inland Bathy, Inland Topo, Spatial Seamlessness
lOtherReq			Between Inland Topo and Inland Bathy,
-			Respondent Defined
Q31b IB SeamlessInterSpatia	String	43	Inland Bathy, Inland Topo, Spatial Seamlessness
lOtherDesc	C C		Between Inland Topo and Inland Bathy,
			Respondent Defined
Q31c IB SeamlessInterAccep	String	153	Inland Bathy, Inland Topo, Seamlessness
tableVerticalManip	C C		Between Inland Topo and Inland Bathy
Q32 IB DataProductDSM	String	16	Inland Bathy, Requirement for DSM as a 3D
<			Product
Q32 IB DataProductDTM	String	16	Inland Bathy, Requirement for DTM as a 3D
<			Product
Q32 IB DataProductDEM	String	16	Inland Bathy, Requirement for DEM as a 3D
	0		Product
Q32 IB DataProductRawPoin	String	16	Inland Bathy, Requirement for Raw Point Cloud
tCloud	0		as a 3D Product
Q32 IB DataProductClassifie	String	16	Inland Bathy, Requirement for Classified Point
dPointCloud			Cloud as a 3D Product
Q32_IB_DataProductCubeXY	String	16	Inland Bathy, Requirement for Cube X,Y,Z as a
Z	C		3D Product
Q32 IB DataProductFullWav	String	16	Inland Bathy, Requirement for Full Waveform
eform			as a 3D Product
Q32 IB DataProductBAG	String	16	Inland Bathy, Requirement for BAG as a 3D
			Product
Q32_IB_DataProductBreaklin	String	16	Inland Bathy, Requirement for Breaklines for
esHydroflattening			Hydro-flattening as a 3D Product
Q32_IB_DataProductIntensity	String	16	Inland Bathy, Requirement for Intensity Imagery
Imagery			as a 3D Product
Q32 IB DataProductGround	String	16	Inland Bathy, Requirement for Ground Control
ControlTruthing	C C		Truthing as a 3D Product
Q32_IB_DataProductOtherRe	String	8	Inland Bathy, Requirement for Other 3D
q			Product(s), Respondent Defined
Q32_IB_DataProductOtherDe	String	32	Inland Bathy, Description of Other 3D
sc			Product(s) Needed, Respondent Defined
Q33_IB_IntegrationAerialIma	String	16	Inland Bathy, Requirement for Integration with
gery			Aerial Imagery
Q33 IB IntegrationGeology	String	16	Inland Bathy, Requirement for Integration with
			Geologic and Seismic Data

Q33_IB_IntegrationShoreline	String	16	Inland Bathy, Requirement for Integration with Shoreline Data
Q33_IB_IntegrationLandUseC	String	16	Inland Bathy, Requirement for Integration with
over	6		Land Use Land Cover Data
Q33 IB IntegrationWetlands	String	16	Inland Bathy, Requirement for Integration with
	Sung	10	Wetlands Data
Q33 IB IntegrationSurfaceW	String	16	Inland Bathy, Requirement for Integration with
ater	Sung	10	Surface Water Data
Q33 IB IntegrationBridgesCu	String	16	Inland Bathy, Requirement for Integration with
lverts	Sung	10	Bridges/Culverts Data
Q33 IB IntegrationLandmark	String	16	Inland Bathy, Requirement for Integration with
s	Sung	10	Landmarks Data
Q33 IB IntegrationCulturalR	String	16	Inland Bathy, Requirement for Integration with
	Sung	10	Cultural Resources Data
esources	String	16	
Q33_IB_IntegrationCoastalStr uctures	String	10	Inland Bathy, Requirement for Integration with Coastal Structures Data
Q33 IB IntegrationOtherReq	String	16	Inland Bathy, Requirement for Integration with
Q35_IB_IntegrationOtherReq	String	10	
	Ct. in a	0	Other Data, Respondent Defined
Q33_IB_IntegrationOtherDesc	String	8	Inland Bathy, Description of Other Data for
	<u> </u>	2	Integration, Respondent Defined
Q63_IB_DerivativesTIN	String	3	Inland Bathy, Need for 3D Derivative TIN
Q63_IB_DerivativesContours	String	3	Inland Bathy, Need for 3D Derivative Contours
Q63 IB DerivativesHillshade	String	3	Inland Bathy, Need for 3D Derivative
S	C C		Hillshades
Q63 IB DerivativesSlopeMa	String	3	Inland Bathy, Need for 3D Derivative Slope
p	C		Мар
Q63 IB DerivativesAspectM	String	3	Inland Bathy, Need for 3D Derivative Aspect
ap	C C		Мар
Q63 IB DerivativesCurvature	String	3	Inland Bathy, Need for 3D Derivative Curvature
Map	0		Мар
Q63 IB DerivativesCrossSect	String	3	Inland Bathy, Need for 3D Derivative Cross
ions	0		Sections
Q63 IB DerivativesHeightAb	String	3	Inland Bathy, Need for 3D Derivative Height-
oveGroundMap	8	-	above-ground Map
Q63 IB DerivativesViewshed	String	3	Inland Bathy, Need for 3D Derivative Viewshed
Map	8		Map
Q63 IB DerivativesHydrolog	String	3	Inland Bathy, Need for 3D Derivative
icFlowDirection	8	-	Hydrologic Flow Direction
Q63 IB DerivativesHydrolog	String	3	Inland Bathy, Need for 3D Derivative
icFlowAccumulation	Sums		Hydrologic Flow Accumulation
Q63 IB DerivativesHydrolog	String	3	Inland Bathy, Need for 3D Derivative
icNetworks	Sumg	5	Hydrologic Networks
	<u> </u>		11yarologie retworks

Q63_IB_DerivativesHydrolog	String	3	Inland Bathy, Need for 3D Derivative
icUnits			Hydrologic Units
Q63_IB_DerivativesBuildingF	String	3	Inland Bathy, Need for 3D Derivative Building
ootprints			Footprints
Q63_IB_DerivativesBreakline	String	3	Inland Bathy, Need for 3D Derivative
sForRoadEdge			Breaklines for Road Edge-of-pavement
Q63_IB_DerivativesRugosity	String	3	Inland Bathy, Need for 3D Derivative Rugosity
Q63_IB_DerivativesOther	String	38	Inland Bathy, Description of Other 3D
			Derivative Needed, Respondent Defined
Q34a_IB_DataUsedDesc	String	1379	Inland Bathy, Description of Current Datasets Used
Q34b IB DataUsedDigitalCo	String	3	Inland Bathy, Respondent Currently Uses Data
ast	Sumg	5	from Digital Coast
Q34b IB DataUsedNCEI	String	3	Inland Bathy, Respondent Currently Uses Data
	Sumg	5	from NCEI
Q34b IB DataUsedNauticalC	String	3	Inland Bathy, Respondent Currently Uses Data
harts	Sumg	5	from Nautical Charts
Q34b IB DataUsedNavigatio	String	3	Inland Bathy, Respondent Currently Uses Data
nCharts	String	5	from Navigation Charts
Q34b IB DataUsedInlandWat	String	3	Inland Bathy, Respondent Currently Uses Data
ersServer	String	5	from Inland Waters Server
Q34b IB DataUsedUSGSDat	String	3	Inland Bathy, Respondent Currently Uses Data
aSeries	Sumg	5	from USGS Data Series
Q34b IB DataUsedNotAvaila	String	3	Inland Bathy, Data Available Does Not Meet
ble			Respondent's Needs
Q34b IB DataUsedStateRepo	String	423	Inland Bathy, Description of Data Currently
sitories	Sumg		Used from State Respositories
Q34b_IB_DataUsedOther	String	211	Inland Bathy, Description of Data Currently
<pre></pre>	~		Used from Other Respositories, Respondent
			Defined
Q34c IB CurrentBenefitsOpe	String	31	Inland Bathy, Current Benefits from Elevation
rationalTimeSavings	C		Data, Operational Benefits, Time Savings
Q34c IB CurrentBenefitsOpe	String	31	Inland Bathy, Current Benefits from Elevation
rationalCostSavings	C C		Data, Operational Benefits, Cost Savings
Q34c IB CurrentBenefitsOpe	String	31	Inland Bathy, Current Benefits from Elevation
rationalCostAvoidance			Data, Operational Benefits, Cost Avoidance
Q34c IB CurrentBenefitsOpe	String	31	Inland Bathy, Current Benefits from Elevation
rationalIncreasedRevenue			Data, Operational Benefits, Increased Revenue
Q34c IB CurrentBenefitsOpe	String	31	Inland Bathy, Current Benefits from Elevation
rationalPerformance			Data, Operational Benefits, Performance
Q34c_IB_CurrentBenefitsCust	String	31	Inland Bathy, Current Benefits from Elevation
SvcValueAdded	_		Data, Customer Service Benefits, Value Added

Q34c_IB_CurrentBenefitsCust	String	31	Inland Bathy, Current Benefits from Elevation
SvcTimeliness	-		Data, Customer Service Benefits, Timeliness
Q34c_IB_CurrentBenefitsCust	String	31	Inland Bathy, Current Benefits from Elevation
SvcExperience			Data, Customer Service Benefits, Experience
Q34c_IB_CurrentBenefitsSoci	String	31	Inland Bathy, Current Benefits from Elevation
etalEducationOutreach			Data, Societal Benefits, Education/Outreach
Q34c_IB_CurrentBenefitsSoci	String	31	Inland Bathy, Current Benefits from Elevation
etalEnvironmental			Data, Societal Benefits, Environmental
Q34c_IB_CurrentBenefitsSoci	String	31	Inland Bathy, Current Benefits from Elevation
etalPublicSafety			Data, Societal Benefits, Public Safety
Q34c_IB_CurrentBenefitsOth	String	8	Inland Bathy, Current Benefits from Elevation
erReq			Data, Respondent Defined
Q34c_IB_CurrentBenefitsOth	String	111	Inland Bathy, Current Benefits from Elevation
erDesc			Data, Respondent Defined
Q35a1_IB_FutBenOperational	String	12	Inland Bathy, Future Benefits from Elevation
TimeSaveFieldVistQualitative			Data that Meets Requirements, Operational
			Benefits, Time Savings, Field Visits, Qualitative
			Benefits
Q35a1_IB_FutBenOperational	String	28	Inland Bathy, Future Benefits from Elevation
TimeSaveFieldVistUnits	_		Data that Meets Requirements, Operational
			Benefits, Time Savings, Field Visits,
			Quantitative Benefits Units
Q35a1_IB_FutBenOperational	Double	8	Inland Bathy, Future Benefits from Elevation
TimeSaveFieldVistQuantitativ			Data that Meets Requirements, Operational
eMin			Benefits, Time Savings, Field Visits, Minimum
			Quantitative Benefits
Q35a1 IB FutBenOperational	Double	8	Inland Bathy, Future Benefits from Elevation
TimeSaveFieldVistQuantitativ			Data that Meets Requirements, Operational
eMax			Benefits, Time Savings, Field Visits, Maximum
			Quantitative Benefits
Q35a1_IB_FutBenOperational	String	346	Inland Bathy, Future Benefits from Elevation
TimeSaveFieldVistDescriptio	-		Data that Meets Requirements, Operational
n			Benefits, Time Savings, Field Visits,
			Description
Q35a2 IB FutBenOperational	String	12	Inland Bathy, Future Benefits from Elevation
TimeSaveProceduresQualitati	U		Data that Meets Requirements, Operational
ve			Benefits, Time Savings, Procedures, Qualitative
			Benefits
Q35a2 IB FutBenOperational	String	28	Inland Bathy, Future Benefits from Elevation
TimeSaveProceduresUnits			•
			· · ·
			-
	5		Data that Meets Requirements, Operational Benefits, Time Savings, Procedures, Quantitative Benefits Units

Q35a2_IB_FutBenOperational TimeSaveProceduresQuantitat iveMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Procedures, Minimum Quantitative Benefits
Q35a2_IB_FutBenOperational TimeSaveProceduresQuantitat iveMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Procedures, Maximum Quantitative Benefits
Q35a2_IB_FutBenOperational TimeSaveProceduresDescripti on	String	246	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Procedures, Description
Q35a3_IB_FutBenOperational TimeSaveDataManipQualitati ve	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Qualitative Benefits
Q35a3_IB_FutBenOperational TimeSaveDataManipUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Quantitative Benefits Units
Q35a3_IB_FutBenOperational TimeSaveDataManipQuantitat iveMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Minimum Quantitative Benefits
Q35a3_IB_FutBenOperational TimeSaveDataManipQuantitat iveMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Maximum Quantitative Benefits
Q35a3_IB_FutBenOperational TimeSaveDataManipDescripti on	String	260	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Description
Q35a4_IB_FutBenOperational TimeSaveDataErrorQualitativ e	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Qualitative Benefits
Q35a4_IB_FutBenOperational TimeSaveDataErrorUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Quantitative Benefits Units
Q35a4_IB_FutBenOperational TimeSaveDataErrorQuantitati veMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Minimum Quantitative Benefits

Q35a4_IB_FutBenOperational TimeSaveDataErrorQuantitati veMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Maximum Quantitative Benefits
Q35a4_IB_FutBenOperational TimeSaveDataErrorDescriptio n	String	240	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Description
Q35a5_IB_FutBenOperational TimeSaveInOfficeQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Qualitative Benefits
Q35a5_IB_FutBenOperational TimeSaveInOfficeUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Quantitative Benefits Units
Q35a5_IB_FutBenOperational TimeSaveInOfficeQuantitative Min	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Minimum Quantitative Benefits
Q35a5_IB_FutBenOperational TimeSaveInOfficeQuantitative Max	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Maximum Quantitative Benefits
Q35a5_IB_FutBenOperational TimeSaveInOfficeDescription	String	164	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Description
Q35a6_IB_FutBenOperational TimeSaveStreamlineQualitativ e	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Qualitative Benefits
Q35a6_IB_FutBenOperational TimeSaveStreamlineUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Quantitative Benefits Units
Q35a6_IB_FutBenOperational TimeSaveStreamlineQuantitati veMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Minimum Quantitative Benefits
Q35a6_IB_FutBenOperational TimeSaveStreamlineQuantitati veMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Maximum Quantitative Benefits

Q35a6_IB_FutBenOperational TimeSaveStreamlineDescripti on	String	294	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Description
Q35a7_IB_FutBenOperational TimeSaveOtherQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Qualitative Benefits, Respondent Defined
Q35a7_IB_FutBenOperational TimeSaveOtherUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Quantitative Benefits Units, Respondent Defined
Q35a7_IB_FutBenOperational TimeSaveOtherQuantitativeM in	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Minimum Quantitative Benefits, Respondent Defined
Q35a7_IB_FutBenOperational TimeSaveOtherQuantitativeM ax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Maximum Quantitative Benefits, Respondent Defined
Q35a7_IB_FutBenOperational TimeSaveOtherDescription	String	268	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Description, Respondent Defined
Q35b1_IB_FutBenOperational CostSaveDataAcqQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Qualitative Benefits
Q35b1_IB_FutBenOperational CostSaveDataAcqUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Quantitative Benefits Units
Q35b1_IB_FutBenOperational CostSaveDataAcqQuantitative Min	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Minimum Quantitative Benefits
Q35b1_IB_FutBenOperational CostSaveDataAcqQuantitative Max	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Maximum Quantitative Benefits
Q35b1_IB_FutBenOperational CostSaveDataAcqDescription	String	296	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Description

Q35b2_IB_FutBenOperational CostSaveMaterialsQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Qualitative Benefits
Q35b2_IB_FutBenOperational CostSaveMaterialsUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Quantitative Benefits Units
Q35b2_IB_FutBenOperational CostSaveMaterialsQuantitativ eMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Minimum Quantitative Benefits
Q35b2_IB_FutBenOperational CostSaveMaterialsQuantitativ eMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Maximum Quantitative Benefits
Q35b2_IB_FutBenOperational CostSaveMaterialsDescription	String	216	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Description
Q35b3_IB_FutBenOperational CostSaveOtherQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Qualitative Benefits, Respondent Defined
Q35b3_IB_FutBenOperational CostSaveOtherUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Quantitative Benefits Units, Respondent Defined
Q35b3_IB_FutBenOperational CostSaveOtherQuantitativeMi n	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Minimum Quantitative Benefits, Respondent Defined
Q35b3_IB_FutBenOperational CostSaveOtherQuantitativeMa x	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Maximum Quantitative Benefits, Respondent Defined
Q35b3_IB_FutBenOperational CostSaveOtherDescription	String	30	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Description, Respondent Defined
Q35c1_IB_FutBenOperational CostAvoidProcessingQualitati ve	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Qualitative Benefits

Q35c1_IB_FutBenOperational CostAvoidProcessingUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Quantitative Benefits Units
Q35c1_IB_FutBenOperational CostAvoidProcessingQuantitat iveMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Minimum Quantitative Benefits
Q35c1_IB_FutBenOperational CostAvoidProcessingQuantitat iveMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Maximum Quantitative Benefits
Q35c1_IB_FutBenOperational CostAvoidProcessingDescripti on	String	169	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Description
Q35c2_IB_FutBenOperational CostAvoidDataErrorQualitativ e	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Qualitative Benefits
Q35c2_IB_FutBenOperational CostAvoidDataErrorUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Quantitative Benefits Units
Q35c2_IB_FutBenOperational CostAvoidDataErrorQuantitati veMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Minimum Quantitative Benefits
Q35c2_IB_FutBenOperational CostAvoidDataErrorQuantitati veMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Maximum Quantitative Benefits
Q35c2_IB_FutBenOperational CostAvoidDataErrorDescripti on	String	226	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Description
Q35c3_IB_FutBenOperational CostAvoidPropertyLossQualit ative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Qualitative Benefits
Q35c3_IB_FutBenOperational CostAvoidPropertyLossUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Quantitative Benefits Units

Q35c3_IB_FutBenOperational CostAvoidPropertyLossQuanti tativeMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Minimum Quantitative Benefits
Q35c3_IB_FutBenOperational CostAvoidPropertyLossQuanti tativeMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Maximum Quantitative Benefits
Q35c3_IB_FutBenOperational CostAvoidPropertyLossDescri ption	String	463	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Description
Q35c4_IB_FutBenOperational CostAvoidAccidentQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Qualitative Benefits
Q35c4_IB_FutBenOperational CostAvoidAccidentUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Quantitative Benefits Units
Q35c4_IB_FutBenOperational CostAvoidAccidentQuantitati veMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Minimum Quantitative Benefits
Q35c4_IB_FutBenOperational CostAvoidAccidentQuantitati veMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Maximum Quantitative Benefits
Q35c4_IB_FutBenOperational CostAvoidAccidentDescriptio n	String	129	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Description
Q35c5_IB_FutBenOperational CostAvoidOtherQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Qualitative Benefits, Respondent Defined
Q35c5_IB_FutBenOperational CostAvoidOtherUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Quantitative Benefits Units, Respondent Defined
Q35c5_IB_FutBenOperational CostAvoidOtherQuantitative Min	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Minimum Quantitative Benefits, Respondent Defined

	Double	8	Inland Bathy, Future Benefits from Elevation
CostAvoidOtherQuantitative			Data that Meets Requirements, Operational
Max			Benefits, Cost Avoidance, Maximum
			Quantitative Benefits, Respondent Defined
Q35c5_IB_FutBenOperational	String	492	Inland Bathy, Future Benefits from Elevation
CostAvoidOtherDescription			Data that Meets Requirements, Operational
			Benefits, Cost Avoidance, Description,
			Respondent Defined
Q35d1_IB_FutBenOperational	String	12	Inland Bathy, Future Benefits from Elevation
RevenueYieldsQualitative			Data that Meets Requirements, Operational
			Benefits, Increased Revenue, Harvest/Extraction
			Yields, Qualitative Benefits
Q35d1_IB_FutBenOperational	String	28	Inland Bathy, Future Benefits from Elevation
RevenueYieldsUnits			Data that Meets Requirements, Operational
			Benefits, Increased Revenue, Harvest/Extraction
			Yields, Quantitative Benefits Units
Q35d1_IB_FutBenOperational	Double	8	Inland Bathy, Future Benefits from Elevation
RevenueYieldsQuantitativeMi			Data that Meets Requirements, Operational
n			Benefits, Increased Revenue, Harvest/Extraction
			Yields, Minimum Quantitative Benefits
Q35d1_IB_FutBenOperational	Double	8	Inland Bathy, Future Benefits from Elevation
RevenueYieldsQuantitativeMa			Data that Meets Requirements, Operational
X			Benefits, Increased Revenue, Harvest/Extraction
			Yields, Maximum Quantitative Benefits
Q35d1_IB_FutBenOperational	String	92	Inland Bathy, Future Benefits from Elevation
RevenueYieldsDescription	-		Data that Meets Requirements, Operational
-			Benefits, Increased Revenue, Harvest/Extraction
			Yields, Description
Q35d2 IB FutBenOperational	String	12	Inland Bathy, Future Benefits from Elevation
RevenueCargoQualitative	C		Data that Meets Requirements, Operational
			Benefits, Increased Revenue, Cargo Carrying
			Capacity, Qualitative Benefits
Q35d2 IB FutBenOperational	String	28	Inland Bathy, Future Benefits from Elevation
RevenueCargoUnits	C		Data that Meets Requirements, Operational
C			Benefits, Increased Revenue, Cargo Carrying
			Capacity, Quantitative Benefits Units
Q35d2_IB_FutBenOperational	Double	8	Inland Bathy, Future Benefits from Elevation
RevenueCargoQuantitativeMi			Data that Meets Requirements, Operational
n			Benefits, Increased Revenue, Cargo Carrying
			Capacity, Minimum Quantitative Benefits
Q35d2 IB FutBenOperational	Double	8	Inland Bathy, Future Benefits from Elevation
·			-
RevenueCargoQuantitativeMa			Data that Meets Requirements, Operational
RevenueCargoQuantitativeMa x			Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying

Q35d2_IB_FutBenOperational RevenueCargoDescription	String	544	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying
Q35d3_IB_FutBenOperational RevenueProductsQualitative	String	12	Capacity, Description Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Qualitative Benefits
Q35d3_IB_FutBenOperational RevenueProductsUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Quantitative Benefits Units
Q35d3_IB_FutBenOperational RevenueProductsQuantitative Min	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Minimum Quantitative Benefits
Q35d3_IB_FutBenOperational RevenueProductsQuantitative Max	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Maximum Quantitative Benefits
Q35d3_IB_FutBenOperational RevenueProductsDescription	String	131	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Description
Q35d4_IB_FutBenOperational RevenueOtherQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Qualitative Benefits, Respondent Defined
Q35d4_IB_FutBenOperational RevenueOtherUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Quantitative Benefits Units, Respondent Defined
Q35d4_IB_FutBenOperational RevenueOtherQuantitativeMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Minimum Quantitative Benefits, Respondent Defined
Q35d4_IB_FutBenOperational RevenueOtherQuantitativeMa x	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Maximum Quantitative Benefits, Respondent Defined

Q35d4_IB_FutBenOperational RevenueOtherDescription	String	89	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Description, Respondent Defined
Q35e1_IB_FutBenOperational PerformProgEffectQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Qualitative Benefits
Q35e1_IB_FutBenOperational PerformProgEffectUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Quantitative Benefits Units
Q35e1_IB_FutBenOperational PerformProgEffectQuantitativ eMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Minimum Quantitative Benefits
Q35e1_IB_FutBenOperational PerformProgEffectQuantitativ eMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Maximum Quantitative Benefits
Q35e1_IB_FutBenOperational PerformProgEffectDescription	String	221	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Description
Q35e2_IB_FutBenOperational PerformMissionQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Qualitative Benefits
Q35e2_IB_FutBenOperational PerformMissionUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Quantitative Benefits Units
Q35e2_IB_FutBenOperational PerformMissionQuantitativeM in	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Minimum Quantitative Benefits
Q35e2_IB_FutBenOperational PerformMissionQuantitativeM ax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Maximum Quantitative Benefits
Q35e2_IB_FutBenOperational PerformMissionDescription	String	221	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Description

Q35e3_IB_FutBenOperational PerformProductsQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Qualitative Benefits
Q35e3_IB_FutBenOperational PerformProductsUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Quantitative Benefits Units
Q35e3_IB_FutBenOperational PerformProductsQuantitative Min	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Minimum Quantitative Benefits
Q35e3_IB_FutBenOperational PerformProductsQuantitative Max	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Maximum Quantitative Benefits
Q35e3_IB_FutBenOperational PerformProductsDescription	String	319	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Description
Q35e4_IB_FutBenOperational PerformOtherQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Qualitative Benefits, Respondent Defined
Q35e4_IB_FutBenOperational PerformOtherUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Quantitative Benefits Units, Respondent Defined
Q35e4_IB_FutBenOperational PerformOtherQuantitativeMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Minimum Quantitative Benefits, Respondent Defined
Q35e4_IB_FutBenOperational PerformOtherQuantitativeMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Maximum Quantitative Benefits, Respondent Defined
Q35e4_IB_FutBenOperational PerformOtherDescription	String	183	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Description, Respondent Defined
Q35fl_IB_FutBenOperational OtherQualitative	String	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Qualitative Benefits, Respondent Defined

Q35f1_IB_FutBenOperational OtherUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Quantitative Benefits Units, Respondent Defined
Q35f1_IB_FutBenOperational OtherQuantitativeMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Minimum Quantitative Benefits, Respondent Defined
Q35f1_IB_FutBenOperational OtherQuantitativeMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Maximum Quantitative Benefits, Respondent Defined
Q35f1_IB_FutBenOperational OtherDescription	String	362	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Description, Respondent Defined
Q35_IB_FutBenOperationalP otentialUnits	String	14	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Quantitative Benefits Units
Q35_IB_FutBenOperationalP otentialQuantitativeMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Minimum Quantitative Benefits
Q35_IB_FutBenOperationalP otentialQuantitativeMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Maximum Quantitative Benefits
Q35_IB_FutBenOperationalP otentialDescription	String	255	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Description
Q35g1_IB_FutBenCustSvcVa lueAddedProductsQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Qualitative Benefits
Q35g1_IB_FutBenCustSvcVa lueAddedProductsUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Quantitative Benefits Units

Q35g1_IB_FutBenCustSvcVa lueAddedProductsQuantitative Min	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Minimum Quantitative Benefits
Q35g1_IB_FutBenCustSvcVa lueAddedProductsQuantitative Max	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Maximum Quantitative Benefits
Q35g1_IB_FutBenCustSvcVa lueAddedProductsDescription	String	197	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Description
Q35g2_IB_FutBenCustSvcVa lueAddedAccuracyQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Qualitative Benefits
Q35g2_IB_FutBenCustSvcVa lueAddedAccuracyUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Quantitative Benefits Units
Q35g2_IB_FutBenCustSvcVa lueAddedAccuracyQuantitativ eMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Minimum Quantitative Benefits
Q35g2_IB_FutBenCustSvcVa lueAddedAccuracyQuantitativ eMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Maximum Quantitative Benefits
Q35g2_IB_FutBenCustSvcVa lueAddedAccuracyDescription	String	342	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Description
Q35g3_IB_FutBenCustSvcVa lueAddedOtherQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Qualitative Benefits, Respondent Defined
Q35g3_IB_FutBenCustSvcVa lueAddedOtherUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Quantitative Benefits Units, Respondent Defined

Q35g3_IB_FutBenCustSvcVa lueAddedOtherQuantitativeMi n	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Minimum Quantitative Benefits, Respondent Defined
Q35g3_IB_FutBenCustSvcVa lueAddedOtherQuantitativeM ax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Maximum Quantitative Benefits, Respondent Defined
Q35g3_IB_FutBenCustSvcVa lueAddedOtherDescription	String	387	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Description, Respondent Defined
Q35h1_IB_FutBenCustSvcTi melinessReviewsQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Qualitative Benefits
Q35h1_IB_FutBenCustSvcTi melinessReviewsUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Quantitative Benefits Units
Q35h1_IB_FutBenCustSvcTi melinessReviewsQuantitative Min	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Minimum Quantitative Benefits
Q35h1_IB_FutBenCustSvcTi melinessReviewsQuantitative Max	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Maximum Quantitative Benefits
Q35h1_IB_FutBenCustSvcTi melinessReviewsDescription	String	131	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Description
Q35h2_IB_FutBenCustSvcTi melinessIncidentQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Qualitative Benefits
Q35h2_IB_FutBenCustSvcTi melinessIncidentUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Quantitative Benefits Units

Q35h2_IB_FutBenCustSvcTi melinessIncidentQuantitative Min	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Minimum Quantitative Benefits
Q35h2_IB_FutBenCustSvcTi melinessIncidentQuantitative Max	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Maximum Quantitative Benefits
Q35h2_IB_FutBenCustSvcTi melinessIncidentDescription	String	170	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Description
Q35h3_IB_FutBenCustSvcTi melinessRecoveryQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Qualitative Benefits
Q35h3_IB_FutBenCustSvcTi melinessRecoveryUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Quantitative Benefits Units
Q35h3_IB_FutBenCustSvcTi melinessRecoveryQuantitative Min	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Minimum Quantitative Benefits
Q35h3_IB_FutBenCustSvcTi melinessRecoveryQuantitative Max	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Maximum Quantitative Benefits
Q35h3_IB_FutBenCustSvcTi melinessRecoveryDescription	String	223	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Description
Q35h4_IB_FutBenCustSvcTi melinessAssistanceQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Qualitative Benefits
Q35h4_IB_FutBenCustSvcTi melinessAssistanceUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Quantitative Benefits Units

Q35h4_IB_FutBenCustSvcTi melinessAssistanceQuantitativ eMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Minimum Quantitative Benefits
Q35h4_IB_FutBenCustSvcTi melinessAssistanceQuantitativ eMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Maximum Quantitative Benefits
Q35h4_IB_FutBenCustSvcTi melinessAssistanceDescriptio n	String	226	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Description
Q35h5_IB_FutBenCustSvcTi melinessProductsQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Qualitative Benefits
Q35h5_IB_FutBenCustSvcTi melinessProductsUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Quantitative Benefits Units
Q35h5_IB_FutBenCustSvcTi melinessProductsQuantitative Min	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Minimum Quantitative Benefits
Q35h5_IB_FutBenCustSvcTi melinessProductsQuantitative Max	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Maximum Quantitative Benefits
Q35h5_IB_FutBenCustSvcTi melinessProductsDescription	String	282	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Description
Q35h6_IB_FutBenCustSvcTi melinessWarningsQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Qualitative Benefits
Q35h6_IB_FutBenCustSvcTi melinessWarningsUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Quantitative Benefits Units

Q35h6_IB_FutBenCustSvcTi melinessWarningsQuantitative Min	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Minimum Quantitative Benefits
Q35h6_IB_FutBenCustSvcTi melinessWarningsQuantitative Max	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Maximum Quantitative Benefits
Q35h6_IB_FutBenCustSvcTi melinessWarningsDescription	String	242	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Description
Q35h7_IB_FutBenCustSvcTi melinessOtherQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Qualitative Benefits, Respondent Defined
Q35h7_IB_FutBenCustSvcTi melinessOtherUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Quantitative Benefits Units, Respondent Defined
Q35h7_IB_FutBenCustSvcTi melinessOtherQuantitativeMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Minimum Quantitative Benefits, Respondent Defined
Q35h7_IB_FutBenCustSvcTi melinessOtherQuantitativeMa x	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Maximum Quantitative Benefits, Respondent Defined
Q35h7_IB_FutBenCustSvcTi melinessOtherDescription	String	64	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Description, Respondent Defined
Q35i1_IB_FutBenCustSvcCus tExpConfidenceQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Qualitative Benefits
Q35i1_IB_FutBenCustSvcCus tExpConfidenceUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Quantitative Benefits Units
Q35i1_IB_FutBenCustSvcCus tExpConfidenceQuantitativeM in	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Minimum Quantitative Benefits

Q35i1_IB_FutBenCustSvcCus tExpConfidenceQuantitativeM ax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Maximum Quantitative Benefits
Q35i1_IB_FutBenCustSvcCus tExpConfidenceDescription	String	202	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Description
Q35i2_IB_FutBenCustSvcCus tExpServicesQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Qualitative Benefits
Q35i2_IB_FutBenCustSvcCus tExpServicesUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Quantitative Benefits Units
Q35i2_IB_FutBenCustSvcCus tExpServicesQuantitativeMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Minimum Quantitative Benefits
Q35i2_IB_FutBenCustSvcCus tExpServicesQuantitativeMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Maximum Quantitative Benefits
Q35i2_IB_FutBenCustSvcCus tExpServicesDescription	String	202	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Description
Q35i3_IB_FutBenCustSvcCus tExpAvailabilityQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Qualitative Benefits
Q35i3_IB_FutBenCustSvcCus tExpAvailabilityUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Quantitative Benefits Units
Q35i3_IB_FutBenCustSvcCus tExpAvailabilityQuantitative Min	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Minimum Quantitative Benefits

Q35i3_IB_FutBenCustSvcCus tExpAvailabilityQuantitative Max	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Maximum Quantitative Benefits
Q35i3_IB_FutBenCustSvcCus tExpAvailabilityDescription	String	276	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Description
Q35i4_IB_FutBenCustSvcCus tExpOtherQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Qualitative Benefits, Respondent Defined
Q35i4_IB_FutBenCustSvcCus tExpOtherUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Quantitative Benefits Units, Respondent Defined
Q35i4_IB_FutBenCustSvcCus tExpOtherQuantitativeMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Minimum Quantitative Benefits, Respondent Defined
Q35i4_IB_FutBenCustSvcCus tExpOtherQuantitativeMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Maximum Quantitative Benefits, Respondent Defined
Q35i4_IB_FutBenCustSvcCus tExpOtherDescription	String	58	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Description, Respondent Defined
Q35j1_IB_FutBenCustSvcOth erQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Qualitative Benefits, Respondent Defined
Q35j1_IB_FutBenCustSvcOth erUnits	String	28	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Quantitative Benefits Units, Respondent Defined
Q35j1_IB_FutBenCustSvcOth erQuantitativeMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Minimum Quantitative Benefits, Respondent Defined
Q35j1_IB_FutBenCustSvcOth erQuantitativeMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Maximum Quantitative Benefits, Respondent Defined

Q35j1_IB_FutBenCustSvcOth erDescription	String	340	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Description, Respondent Defined
Q35_IB_FutBenCustSvcPoten tialUnits	String	14	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Potential Benefits, Quantitative Benefits Units
Q35_IB_FutBenCustSvcPoten tialQuantitativeMin	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Potential Benefits, Minimum Quantitative Benefits
Q35_IB_FutBenCustSvcPoten tialQuantitativeMax	Double	8	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Potential Benefits, Maximum Quantitative Benefits
Q35_IB_FutBenCustSvcPoten tialDescription	String	255	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Potential Benefits, Description
Q35k1_IB_FutBenSocietalEd ucationQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Education/Outreach, Qualitative Benefits
Q35k1_IB_FutBenSocietalEd ucationDescription	String	178	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Education/Outreach, Description
Q35k2_IB_FutBenSocietalEn vironmentalQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Environmental, Qualitative Benefits
Q35k2_IB_FutBenSocietalEn vironmentalDescription	String	418	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Environmental, Description
Q35k3_IB_FutBenSocietalPu blicSafetyQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Public Safety, Qualitative Benefits
Q35k3_IB_FutBenSocietalPu blicSafetyDescription	String	266	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Public Safety, Description
Q3511_IB_FutBenSocietalOth erQualitative	String	12	Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Societal Benefits, Qualitative Benefits, Respondent Defined

Q3511_IB_FutBenSocietalOth	String	205	Inland Bathy, Future Benefits from Elevation
erDescription			Data that Meets Requirements, Other Societal
			Benefits, Description, Respondent Defined
Q7_NB_DataType	String	16	Nearshore Bathy, Requirement for Data Type
Q7_NB_ValuesAdopted	String	3	Nearshore Bathy, Data Type Values from
			Business Use Averages
Q36_NB_GeographicRegionT ype	String	67	Nearshore Bathy, Area of Interest Region Type
Q36 NB GeographicRegionA	String	638	Nearshore Bathy, Area of Interest Area
rea	C		Description
Q37_NB_HorizontalError	String	72	Nearshore Bathy, Acceptable Horizontal Error
Q38_NB_VerticalError	String	20	Nearshore Bathy, Acceptable Vertical Error
Q39a_NB_OnshoreDistance	String	310	Nearshore Bathy, Distance Onshore
Q39b NB BeachProfileDista	String	136	Nearshore Bathy, Distance Down the Beach
nce	0		Profile
Q40a NB CrossSectionsTran	String	7	Nearshore Bathy, Cross Sections or Transects
sectsMeetNeeds	C		Meet Needs
Q40b NB CrossSectionsTran	String	582	Nearshore Bathy, Description of Cross
sectsRequirements	U		Sections/Transects Needed
Q40c_NB_QualityLevel	String	124	Nearshore Bathy, Quality Level
Q41_NB_UpdateFrequency	String	239	Nearshore Bathy, Update Frequency
Q41_NB_UpdateEvent	String	130	Nearshore Bathy, Events Triggering Collection
Q42_NB_GeographicRequire	String	290	Nearshore Bathy, Variability Across Area of
mentVariability			Interest
Q43_NB_TideCorrection	String	207	Nearshore Bathy, Requirement for Tide Correction
Q44a NB SeamlessTemporal	String	16	Nearshore Bathy, Requirement for Temporal
Season	C		Seamlessness, Seasonal
Q44a NB SeamlessTemporal	String	16	Nearshore Bathy, Requirement for Temporal
Environmental			Seamlessness, Environmental
Q44a_NB_SeamlessTemporal	String	16	Nearshore Bathy, Requirement for Other
OtherReq			Temporal Seamlessness, Respondent Defined
Q44a_NB_SeamlessTemporal	String	177	Nearshore Bathy, Description of Other
OtherDesc	_		Temporal Seamlessness, Respondent Defined
Q44a_NB_SeamlessSpatialPoi	String	16	Nearshore Bathy, Requirement for Spatial
ntCloud	_		Seamlessness in Point Cloud Data
Q44a_NB_SeamlessSpatialDE	String	16	Nearshore Bathy, Requirement for Spatial
М			Seamlessness in DEM

Q44a_NB_SeamlessSpatialOt	String	16	Nearshore Bathy, Requirement for Other Spatial
herReq			Seamlessness, Respondent Defined
Q44a_NB_SeamlessSpatialOt	String	255	Nearshore Bathy, Description of Other Spatial
herDesc			Seamlessness, Respondent Defined
Q44b_NB_SeamlessAcceptabl	String	302	Nearshore Bathy, Acceptable Vertical
eVerticalManip			Manipulation to Create Seamlessness
Q61a_NB_SeamlessInterTem	String	16	Nearshore Bathy, Inland Topo, Inland Bathy,
poralSeason			Offshore Bathy, Temporal Seamlessness
			Between Nearshore and Other Data Types,
			Seasonal
Q61a_NB_SeamlessInterTem	String	16	Nearshore Bathy, Inland Topo, Inland Bathy,
poralEnvironmental			Offshore Bathy, Temporal Seamlessness
			Between Nearshore and Other Data Types,
			Environmental
Q61a_NB_SeamlessInterTem	String	16	Nearshore Bathy, Inland Topo, Inland Bathy,
poralOtherReq	-		Offshore Bathy, Temporal Seamlessness
			Between Nearshore and Other Data Types,
			Respondent Defined
Q61a NB SeamlessInterTem	String	264	Nearshore Bathy, Inland Topo, Inland Bathy,
poralOtherDesc	C		Offshore Bathy, Temporal Seamlessness
			Between Nearshore and Other Data Types,
			Respondent Defined
Q61a NB SeamlessInterSpati	String	16	Nearshore Bathy, Inland Topo, Inland Bathy,
alPointCloud	0		Offshore Bathy, Spatial Seamlessness Between
			Nearshore and Other Data Types, Point Cloud
Q61a NB SeamlessInterSpati	String	16	Nearshore Bathy, Inland Topo, Inland Bathy,
alDEM			Offshore Bathy, Spatial Seamlessness Between
			Nearshore and Other Data Types, DEM
Q61a NB SeamlessInterSpati	String	16	Nearshore Bathy, Inland Topo, Inland Bathy,
alOtherReq	~	10	Offshore Bathy, Spatial Seamlessness Between
			Nearshore and Other Data Types, Respondent
			Defined
Q61a NB SeamlessInterSpati	String	212	Nearshore Bathy, Inland Topo, Inland Bathy,
alOtherDesc	Sung	212	Offshore Bathy, Spatial Seamlessness Between
			Nearshore and Other Data Types, Description,
			Respondent Defined
Q61b NB SeamlessInterAcce	String	153	Nearshore Bathy, Inland Topo, Inland Bathy,
ptableVerticalManip	24116	100	Offshore Bathy, Acceptable Vertical
puote i erdeunitump			Manipulation to Create Seamlessness Between
			Nearshore and Other Data Types
Q45 NB DataProductDSM	String	16	Nearshore Bathy, Requirement for DSM as a 3D
	Sumg	10	Product
Q45 NB DataProductDTM	String	16	Nearshore Bathy, Requirement for DTM as a 3D
	Sung	10	Product
			1104401

Q45_NB_DataProductDEM	String	16	Nearshore Bathy, Requirement for DEM as a 3D Product
Q45_NB_DataProductRawPoi ntCloud	String	16	Nearshore Bathy, Requirement for Raw Point Cloud as a 3D Product
Q45_NB_DataProductClassifi	String	16	Nearshore Bathy, Requirement for Classified
edPointCloud			Point Cloud as a 3D Product
Q45_NB_DataProductCubeX	String	16	Nearshore Bathy, Requirement for Cube X,Y,Z
YZ			as a 3D Product
Q45_NB_DataProductFullWa	String	16	Nearshore Bathy, Requirement for Full
veform			Waveform as a 3D Product
Q45_NB_DataProductBAG	String	16	Nearshore Bathy, Requirement for BAG as a 3D
			Product
Q45_NB_DataProductVDatu	String	16	Nearshore Bathy, Requirement for VDatum as a
m			3D Product
Q45 NB DataProductTidePre	String	16	Nearshore Bathy, Requirement for Tide
dictions			Predictions as a 3D Product
Q45 NB DataProductTCARI	String	16	Nearshore Bathy, Requirement for T-CARI as a
	-		3D Product
Q45_NB_DataProductIntensit	String	16	Nearshore Bathy, Requirement for Intensity
yImagery			Imagery as a 3D Product
Q45 NB DataProductGround	String	16	Nearshore Bathy, Requirement for Ground
ControlTruthing			Control Truthing as a 3D Product
Q45_NB_DataProductOtherR	String	16	Nearshore Bathy, Requirement for Other 3D
eq	-		Product(s), Respondent Defined
Q45_NB_DataProductOtherD	String	133	Nearshore Bathy, Description of Other 3D
esc			Product(s) Needed, Respondent Defined
Q46_NB_IntegrationHydroSu	String	16	Nearshore Bathy, Requirement for Integration
rveyData			with Hydrographic Survey Data
Q46 NB IntegrationNautical	String	16	Nearshore Bathy, Requirement for Integration
Charts			with Nautical Charts
Q46_NB_IntegrationAcousticI	String	16	Nearshore Bathy, Requirement for Integration
magery			with Acoustic Imagery
Q46_NB_IntegrationAerialIm	String	16	Nearshore Bathy, Requirement for Integration
agery			with Aerial Imagery
Q46 NB IntegrationUnderwa	String	16	Nearshore Bathy, Requirement for Integration
terVideography	-		with Underwater Videography
Q46_NB_IntegrationBottomT	String	16	Nearshore Bathy, Requirement for Integration
exture			with Bottom Texture Data
Q46_NB_IntegrationBottomT	String	16	Nearshore Bathy, Requirement for Integration
уре			with Bottom Type Data
Q46_NB_IntegrationSubmerg	String	16	Nearshore Bathy, Requirement for Integration
edFeatures			with Submerged Features Data
Q46_NB_IntegrationSubbotto	String	16	Nearshore Bathy, Requirement for Integration
mCharacteristics			with Subbottom Characteristics Data

Q46_NB_IntegrationGeology	String	16	Nearshore Bathy, Requirement for Integration with Geologic and Seismic Data
Q46 NB IntegrationWaterCol	String	16	Nearshore Bathy, Requirement for Integration
umnPhysical	Sumg	10	with Physical Water Column Properties Data
Q46 NB IntegrationWaterCol	String	16	Nearshore Bathy, Requirement for Integration
umnChemical	Sung	10	with Chemical Water Column Properties Data
Q46 NB IntegrationWaterCol	String	16	Nearshore Bathy, Requirement for Integration
	Sung	10	with Biological Water Column Properties Data
umnBiological	Stain a	16	6
Q46_NB_IntegrationCurrents	String	16	Nearshore Bathy, Requirement for Integration
O4(ND Lateration Till War	C turing	1.(with Currents Data
Q46_NB_IntegrationTideWav	String	16	Nearshore Bathy, Requirement for Integration
eHeights	Q	1.6	with Tide Wave Heights Data
Q46_NB_IntegrationSeaIceCo	String	16	Nearshore Bathy, Requirement for Integration
nditions			with Sea Ice Conditions Data
Q46_NB_IntegrationHabitatD	String	16	Nearshore Bathy, Requirement for Integration
istribution			with Habitat Disruption and Classification Data
Q46_NB_IntegrationBoundari	String	16	Nearshore Bathy, Requirement for Integration
es			with Boundaries Data
Q46_NB_IntegrationRoutes	String	16	Nearshore Bathy, Requirement for Integration
			with Routes Data
Q46_NB_IntegrationOffshore	String	16	Nearshore Bathy, Requirement for Integration
Cadastral			with Offshore Cadastral Data
Q46_NB_IntegrationLeaseAre	String	16	Nearshore Bathy, Requirement for Integration
as			with Lease Areas Data
Q46_NB_IntegrationFixedObs	String	16	Nearshore Bathy, Requirement for Integration
tructions			with Fixed Obstructions Data
Q46_NB_IntegrationFloating	String	16	Nearshore Bathy, Requirement for Integration
ObsNaviSystems			with Floating Observation/Navigation Systems
Q46_NB_IntegrationShoreline	String	16	Nearshore Bathy, Requirement for Integration
s			with Shoreline Data
Q46_NB_IntegrationLandUse	String	16	Nearshore Bathy, Requirement for Integration
Cover			with Land Use Land Cover Data
Q46 NB IntegrationWetlands	String	16	Nearshore Bathy, Requirement for Integration
			with Wetlands Data
Q46 NB IntegrationEstuaries	String	16	Nearshore Bathy, Requirement for Integration
	U		with Estuaries Data
Q46_NB_IntegrationSurface	String	16	Nearshore Bathy, Requirement for Integration
Water	6		with Surface Water Data
Q46 NB IntegrationLandmar	String	16	Nearshore Bathy, Requirement for Integration
ks			with Landmarks Data
Q46 NB IntegrationCultural	String	16	Nearshore Bathy, Requirement for Integration
Resources			with Cultural Resources Data
Q46 NB IntegrationCoastalSt	String	16	Nearshore Bathy, Requirement for Integration
ructures	201115	10	with Coastal Structures Data
14014105	L		with Coastal Subcluics Data

Q46_NB_IntegrationOverhead Structures	String	16	Nearshore Bathy, Requirement for Integration with Overhead Structures Data
Q46 NB IntegrationOtherReq	String	16	Nearshore Bathy, Requirement for Integration
	~	10	with Other Data, Respondent Defined
Q46 NB IntegrationOtherDes	String	84	Nearshore Bathy, Description of Other Data for
c			Integration, Respondent Defined
Q63_NB_DerivativesTIN	String	3	Nearshore Bathy, Need for 3D Derivative TIN
	~ •		
Q63_NB_DerivativesContours	String	3	Nearshore Bathy, Need for 3D Derivative
	a . •		Contours
Q63_NB_DerivativesHillshad	String	3	Nearshore Bathy, Need for 3D Derivative
	<u>a.</u> :	2	Hillshades
Q63_NB_DerivativesSlopeMa	String	3	Nearshore Bathy, Need for 3D Derivative Slope
	<u>C</u> , .	2	Map
Q63_NB_DerivativesAspectM	String	3	Nearshore Bathy, Need for 3D Derivative
	C4 .	2	Aspect Map
Q63_NB_DerivativesCurvatur	String	3	Nearshore Bathy, Need for 3D Derivative
eMap	<u>.</u>	2	Curvature Map
Q63_NB_DerivativesCrossSe	String	3	Nearshore Bathy, Need for 3D Derivative Cross
ctions	C4 .	2	Sections
Q63_NB_DerivativesHeightA	String	3	Nearshore Bathy, Need for 3D Derivative
boveGroundMap	C4 .	2	Height-above-ground Map
Q63_NB_DerivativesViewshe	String	3	Nearshore Bathy, Need for 3D Derivative
dMap	Ct.	2	Viewshed Map
Q63_NB_DerivativesHydrolo	String	3	Nearshore Bathy, Need for 3D Derivative
gicFlowDirection	Ct.	2	Hydrologic Flow Direction
Q63_NB_DerivativesHydrolo	String	3	Nearshore Bathy, Need for 3D Derivative
gicFlowAccumulation	Stain a	3	Hydrologic Flow Accumulation
Q63_NB_DerivativesHydrolo	String	3	Nearshore Bathy, Need for 3D Derivative
gicNetworks	Strin a	3	Hydrologic Networks Nearshore Bathy, Need for 3D Derivative
Q63_NB_DerivativesHydrolo	String	3	Hydrologic Units, Quantitative Benefits Units
gicUnits Q63 NB DerivativesBuilding	String	3	Nearshore Bathy, Need for 3D Derivative
Footprints	String	3	Building Footprints
Q63 NB DerivativesBreaklin	String	3	Nearshore Bathy, Need for 3D Derivative
esForRoadEdge	Sung	5	Breaklines for Road Edge-of-pavement
Q63 NB DerivativesRugosity	String	3	Nearshore Bathy, Need for 3D Derivative
	String	5	-
Q63 NB DerivativesOther	String	227	Rugosity Nearshore Bathy, Description of Other 3D
	String		Derivative Needed, Respondent Defined
Q47a NB DataUsedDesc	String	1024	Nearshore Bathy, Description of Current
	Sung	1024	Datasets Used
Q47b NB DataUsedDigitalC	String	3	Nearshore Bathy, Respondent Currently Uses
oast	Sumg	5	Data from Digital Coast
Uasi			Data HUIII DIgital Cuast

Q47b_NB_DataUsedNCEI	String	3	Nearshore Bathy, Respondent Currently Uses Data from NCEI
Q47b_NB_DataUsedNautical Charts	String	3	Nearshore Bathy, Respondent Currently Uses Data from Nautical Charts
	G 4	2	
Q47b_NB_DataUsedNavigati	String	3	Nearshore Bathy, Respondent Currently Uses
onCharts	<u> </u>		Data from Navigation Charts
Q47b_NB_DataUsedMMPGI	String	3	Nearshore Bathy, Respondent Currently Uses
S			Data from Marine Minerals Program GIS
Q47b_NB_DataUsedStateRep	String	174	Nearshore Bathy, Description of Data Currently
ositories			Used from State Respositories
Q47b_NB_DataUsedOther	String	106	Nearshore Bathy, Description of Data Currently
			Used from Other Respositories, Respondent
			Defined
Q47c_NB_CurrentBenefitsOp	String	12	Nearshore Bathy, Current Benefits from
erationalTimeSavings			Elevation Data, Operational Benefits, Time
			Savings
Q47c_NB_CurrentBenefitsOp	String	12	Nearshore Bathy, Current Benefits from
erationalCostSavings			Elevation Data, Operational Benefits, Cost
			Savings
Q47c NB CurrentBenefitsOp	String	12	Nearshore Bathy, Current Benefits from
erationalCostAvoidance	C		Elevation Data, Operational Benefits, Cost
			Avoidance
Q47c NB CurrentBenefitsOp	String	12	Nearshore Bathy, Current Benefits from
erationalIncreasedRevenue	C		Elevation Data, Operational Benefits, Increased
			Revenue
Q47c NB CurrentBenefitsOp	String	12	Nearshore Bathy, Current Benefits from
erationalPerformance	U		Elevation Data, Operational Benefits,
			Performance
Q47c NB CurrentBenefitsCu	String	12	Nearshore Bathy, Current Benefits from
stSvcValueAdded	6		Elevation Data, Customer Service Benefits,
			Value Added
Q47c NB CurrentBenefitsCu	String	12	Nearshore Bathy, Current Benefits from
stSvcTimeliness	6		Elevation Data, Customer Service Benefits,
			Timeliness
Q47c NB CurrentBenefitsCu	String	12	Nearshore Bathy, Current Benefits from
stSvcExperience	Sung	12	Elevation Data, Customer Service Benefits,
Sis (eEnperience			Experience
Q47c NB CurrentBenefitsSo	String	12	Nearshore Bathy, Current Benefits from
cietalEducationOutreach	Sumg	12	Elevation Data, Societal Benefits,
			Education/Outreach
Q47c NB CurrentBenefitsSo	String	12	Nearshore Bathy, Current Benefits from
cietalEnvironmental	Sung	12	Elevation Data, Societal Benefits,
CictalEnvironmental			Environmental
			Environmental

Q47c_NB_CurrentBenefitsSo cietalPublicSafety	String	12	Nearshore Bathy, Current Benefits from Elevation Data, Societal Benefits, Public Safety
Q47c NB CurrentBenefitsOt	String	5	Nearshore Bathy, Current Benefits from
	String	5	Elevation Data, Respondent Defined
herReq	Cturin a	101	
Q47c_NB_CurrentBenefitsOt	String	191	Nearshore Bathy, Current Benefits from
herDesc			Elevation Data, Respondent Defined,
	<u> </u>	10	Description
Q48a1_NB_FutBenOperation	String	12	Nearshore Bathy, Future Benefits from
alTimeSaveFieldVistQualitati			Elevation Data that Meets Requirements,
ve			Operational Benefits, Time Savings, Field
			Visits, Qualitative Benefits
Q48a1_NB_FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alTimeSaveFieldVistUnits			Elevation Data that Meets Requirements,
			Operational Benefits, Time Savings, Field
			Visits, Quantitative Benefits Units
Q48a1_NB_FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alTimeSaveFieldVistQuantitat			Elevation Data that Meets Requirements,
iveMin			Operational Benefits, Time Savings, Field
			Visits, Minimum Quantitative Benefits
Q48a1_NB_FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alTimeSaveFieldVistQuantitat			Elevation Data that Meets Requirements,
iveMax			Operational Benefits, Time Savings, Field
			Visits, Maximum Quantitative Benefits
Q48a1_NB_FutBenOperation	String	228	Nearshore Bathy, Future Benefits from
alTimeSaveFieldVistDescripti	U		Elevation Data that Meets Requirements,
on			Operational Benefits, Time Savings, Field
			Visits, Description
Q48a2 NB FutBenOperation	String	12	Nearshore Bathy, Future Benefits from
alTimeSaveProceduresQualita	8		Elevation Data that Meets Requirements,
tive			Operational Benefits, Time Savings, Procedures,
			Qualitative Benefits
Q48a2_NB_FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alTimeSaveProceduresUnits	String	20	Elevation Data that Meets Requirements,
ar i mesaver rocedures emits			Operational Benefits, Time Savings, Procedures,
			Quantitative Benefits Units
04802 NP EutPanOnaration	Double	8	
Q48a2_NB_FutBenOperation	Double	0	Nearshore Bathy, Future Benefits from
alTimeSaveProceduresQuantit			Elevation Data that Meets Requirements,
ativeMin			Operational Benefits, Time Savings, Procedures,
	D., 11	0	Minimum Quantitative Benefits
Q48a2_NB_FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alTimeSaveProceduresQuantit			Elevation Data that Meets Requirements,
ativeMax			Operational Benefits, Time Savings, Procedures,
			Maximum Quantitative Benefits

Q48a2_NB_FutBenOperation	String	281	Nearshore Bathy, Future Benefits from
alTimeSaveProceduresDescrip			Elevation Data that Meets Requirements,
tion			Operational Benefits, Time Savings, Procedures,
		10	Description
Q48a3_NB_FutBenOperation	String	12	Nearshore Bathy, Future Benefits from
alTimeSaveDataManipQualita			Elevation Data that Meets Requirements,
tive			Operational Benefits, Time Savings, Data
			Manipulation, Qualitative Benefits
Q48a3_NB_FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alTimeSaveDataManipUnits			Elevation Data that Meets Requirements,
			Operational Benefits, Time Savings, Data
			Manipulation, Quantitative Benefits Units
Q48a3_NB_FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alTimeSaveDataManipQuantit			Elevation Data that Meets Requirements,
ativeMin			Operational Benefits, Time Savings, Data
			Manipulation, Minimum Quantitative Benefits
Q48a3_NB_FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alTimeSaveDataManipQuantit			Elevation Data that Meets Requirements,
ativeMax			Operational Benefits, Time Savings, Data
			Manipulation, Maximum Quantitative Benefits
Q48a3_NB_FutBenOperation	String	260	Nearshore Bathy, Future Benefits from
alTimeSaveDataManipDescrip			Elevation Data that Meets Requirements,
tion			Operational Benefits, Time Savings, Data
			Manipulation, Description
Q48a4 NB FutBenOperation	String	12	Nearshore Bathy, Future Benefits from
alTimeSaveDataErrorQualitati			Elevation Data that Meets Requirements,
ve			Operational Benefits, Time Savings, Data Error,
			Qualitative Benefits
Q48a4 NB FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alTimeSaveDataErrorUnits	C		Elevation Data that Meets Requirements,
			Operational Benefits, Time Savings, Data Error,
			Quantitative Benefits Units
Q48a4 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alTimeSaveDataErrorQuantita		-	Elevation Data that Meets Requirements,
tiveMin			Operational Benefits, Time Savings, Data Error,
			Minimum Quantitative Benefits
Q48a4 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alTimeSaveDataErrorQuantita		-	Elevation Data that Meets Requirements,
tiveMax			Operational Benefits, Time Savings, Data Error,
			Maximum Quantitative Benefits
Q48a4 NB FutBenOperation	String	189	Nearshore Bathy, Future Benefits from
	-		Elevation Data that Meets Requirements
alTimeSaveDataErrorDescript			Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error,

Q48a5_NB_FutBenOperation	String	12	Nearshore Bathy, Future Benefits from
alTimeSaveInOfficeQualitativ	_		Elevation Data that Meets Requirements,
e			Operational Benefits, Time Savings, In-office
			Planning and Monitoring, Qualitative Benefits
Q48a5 NB FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alTimeSaveInOfficeUnits	8	_	Elevation Data that Meets Requirements,
			Operational Benefits, Time Savings, In-office
			Planning and Monitoring, Quantitative Benefits
			Units
Q48a5 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alTimeSaveInOfficeQuantitati			Elevation Data that Meets Requirements,
veMin			Operational Benefits, Time Savings, In-office
			Planning and Monitoring, Minimum
			Quantitative Benefits
Q48a5 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alTimeSaveInOfficeQuantitati			Elevation Data that Meets Requirements,
veMax			Operational Benefits, Time Savings, In-office
			Planning and Monitoring, Maximum
			Quantitative Benefits
Q48a5 NB FutBenOperation	String	177	Nearshore Bathy, Future Benefits from
alTimeSaveInOfficeDescriptio	String	177	Elevation Data that Meets Requirements,
n			Operational Benefits, Time Savings, In-office
11			Planning and Monitoring, Description
Q48a6 NB FutBenOperation	String	12	Nearshore Bathy, Future Benefits from
alTimeSaveStreamlineQualitat	String	12	Elevation Data that Meets Requirements,
ive			Operational Benefits, Time Savings,
ive			Streamlined Operations, Qualitative Benefits
Q48a6 NB FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alTimeSaveStreamlineUnits	Sung	20	Elevation Data that Meets Requirements,
aiiimeSaveStreammeOmts			-
			Operational Benefits, Time Savings,
			Streamlined Operations, Quantitative Benefits
049 (ND ExtDag On anotic n	Double	8	Units Nearshore Bathy, Future Benefits from
Q48a6_NB_FutBenOperation	Double	0	
alTimeSaveStreamlineQuantit			Elevation Data that Meets Requirements,
ativeMin			Operational Benefits, Time Savings,
			Streamlined Operations, Minimum Quantitative
	D 11	0	Benefits
Q48a6_NB_FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alTimeSaveStreamlineQuantit			Elevation Data that Meets Requirements,
ativeMax			Operational Benefits, Time Savings,
			Streamlined Operations, Maximum Quantitative
			Benefits
Q48a6 NB FutBenOperation	String	294	Nearshore Bathy, Future Benefits from
-----------------------------	--------	-----	---
alTimeSaveStreamlineDescrip	6		Elevation Data that Meets Requirements,
tion			Operational Benefits, Time Savings,
			Streamlined Operations, Description
Q48a7 NB FutBenOperation	String	5	Nearshore Bathy, Future Benefits from
alTimeSaveOtherQualitative	6	-	Elevation Data that Meets Requirements,
			Operational Benefits, Time Savings, Qualitative
			Benefits, Respondent Defined
Q48a7_NB_FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alTimeSaveOtherUnits	0		Elevation Data that Meets Requirements,
			Operational Benefits, Time Savings,
			Quantitative Benefits Units, Respondent
			Defined
Q48a7 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alTimeSaveOtherQuantitative			Elevation Data that Meets Requirements,
Min			Operational Benefits, Time Savings, Minimum
			Quantitative Benefits, Respondent Defined
Q48a7 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alTimeSaveOtherQuantitative			Elevation Data that Meets Requirements,
Max			Operational Benefits, Time Savings, Maximum
			Quantitative Benefits, Respondent Defined
Q48a7 NB FutBenOperation	String	30	Nearshore Bathy, Future Benefits from
alTimeSaveOtherDescription			Elevation Data that Meets Requirements,
•			Operational Benefits, Time Savings,
			Description, Respondent Defined
Q48b1_NB_FutBenOperation	String	12	Nearshore Bathy, Future Benefits from
alCostSaveDataAcqQualitativ			Elevation Data that Meets Requirements,
e			Operational Benefits, Cost Savings, Data
			Acquisition, Qualitative Benefits
Q48b1_NB_FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alCostSaveDataAcqUnits	_		Elevation Data that Meets Requirements,
			Operational Benefits, Cost Savings, Data
			Acquisition, Quantitative Benefits Units
Q48b1 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alCostSaveDataAcqQuantitati			Elevation Data that Meets Requirements,
veMin			Operational Benefits, Cost Savings, Data
			Acquisition, Minimum Quantitative Benefits
Q48b1_NB_FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alCostSaveDataAcqQuantitati			Elevation Data that Meets Requirements,
veMax			Operational Benefits, Cost Savings, Data
			Acquisition, Maximum Quantitative Benefits

Q48b1_NB_FutBenOperation alCostSaveDataAcqDescriptio n	String	296	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Description
Q48b2_NB_FutBenOperation alCostSaveMaterialsQualitativ e	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Qualitative Benefits
Q48b2_NB_FutBenOperation alCostSaveMaterialsUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Quantitative Benefits Units
Q48b2_NB_FutBenOperation alCostSaveMaterialsQuantitati veMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Minimum Quantitative Benefits
Q48b2_NB_FutBenOperation alCostSaveMaterialsQuantitati veMax	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Maximum Quantitative Benefits
Q48b2_NB_FutBenOperation alCostSaveMaterialsDescripti on	String	91	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Description
Q48b3_NB_FutBenOperation alCostSaveOtherQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Qualitative Benefits, Respondent Defined
Q48b3_NB_FutBenOperation alCostSaveOtherUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Quantitative Benefits Units, Respondent Defined
Q48b3_NB_FutBenOperation alCostSaveOtherQuantitative Min	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Minimum Quantitative Benefits, Respondent Defined
Q48b3_NB_FutBenOperation alCostSaveOtherQuantitative Max	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Maximum Quantitative Benefits, Respondent Defined
Q48b3_NB_FutBenOperation alCostSaveOtherDescription	String	62	Nearshore Bathy, Future Benefits fromElevation Data that Meets Requirements,Operational Benefits, Cost Savings, Description,Respondent Defined

Q48c1_NB_FutBenOperation alCostAvoidProcessingQualita tive	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Qualitative Benefits
Q48c1_NB_FutBenOperation alCostAvoidProcessingUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Quantitative Benefits Units
Q48c1_NB_FutBenOperation alCostAvoidProcessingQuantit ativeMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Minimum Quantitative Benefits
Q48c1_NB_FutBenOperation alCostAvoidProcessingQuantit ativeMax	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Maximum Quantitative Benefits
Q48c1_NB_FutBenOperation alCostAvoidProcessingDescri ption	String	169	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Description
Q48c2_NB_FutBenOperation alCostAvoidDataErrorQualitat ive	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Qualitative Benefits
Q48c2_NB_FutBenOperation alCostAvoidDataErrorUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Quantitative Benefits Units
Q48c2_NB_FutBenOperation alCostAvoidDataErrorQuantit ativeMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Minimum Quantitative Benefits
Q48c2_NB_FutBenOperation alCostAvoidDataErrorQuantit ativeMax	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Maximum Quantitative Benefits
Q48c2_NB_FutBenOperation alCostAvoidDataErrorDescrip tion	String	227	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Description
Q48c3_NB_FutBenOperation alCostAvoidPropertyLossQual itative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Qualitative Benefits

Q48c3_NB_FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alCostAvoidPropertyLossUnit			Elevation Data that Meets Requirements,
s			Operational Benefits, Cost Avoidance, Property
			Loss from Natural Event, Quantitative Benefits
			Units
Q48c3_NB_FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alCostAvoidPropertyLossQua			Elevation Data that Meets Requirements,
ntitativeMin			Operational Benefits, Cost Avoidance, Property
			Loss from Natural Event, Minimum Quantitative
			Benefits
Q48c3 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alCostAvoidPropertyLossQua			Elevation Data that Meets Requirements,
ntitativeMax			Operational Benefits, Cost Avoidance, Property
			Loss from Natural Event, Maximum
			Quantitative Benefits
Q48c3_NB_FutBenOperation	String	463	Nearshore Bathy, Future Benefits from
alCostAvoidPropertyLossDesc	0		Elevation Data that Meets Requirements,
ription			Operational Benefits, Cost Avoidance, Property
1			Loss from Natural Event, Description
Q48c4 NB FutBenOperation	String	12	Nearshore Bathy, Future Benefits from
alCostAvoidAccidentQualitati	0		Elevation Data that Meets Requirements,
ve			Operational Benefits, Cost Avoidance, Human
			Error, Qualitative Benefits
Q48c4 NB FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alCostAvoidAccidentUnits	U		Elevation Data that Meets Requirements,
			Operational Benefits, Cost Avoidance, Human
			Error, Quantitative Benefits Units
Q48c4 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alCostAvoidAccidentQuantitat			Elevation Data that Meets Requirements,
iveMin			Operational Benefits, Cost Avoidance, Human
			Error, Minimum Quantitative Benefits
Q48c4 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alCostAvoidAccidentQuantitat			Elevation Data that Meets Requirements,
iveMax			Operational Benefits, Cost Avoidance, Human
			Error, Maximum Quantitative Benefits
Q48c4 NB FutBenOperation	String	321	Nearshore Bathy, Future Benefits from
alCostAvoidAccidentDescripti	_		Elevation Data that Meets Requirements,
on			Operational Benefits, Cost Avoidance, Human
			Error, Description
Q48c5 NB FutBenOperation	String	12	Nearshore Bathy, Future Benefits from
alCostAvoidOtherQualitative	C		Elevation Data that Meets Requirements,
			Operational Benefits, Cost Avoidance,
			Qualitative Benefits, Respondent Defined

String		
0	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements,
		Operational Benefits, Cost Avoidance,
		Quantitative Benefits Units, Respondent
		Defined
Double	8	Nearshore Bathy, Future Benefits from
Double	0	Elevation Data that Meets Requirements,
		Operational Benefits, Cost Avoidance,
		Minimum Quantitative Benefits, Respondent
		Defined
Double	8	Nearshore Bathy, Future Benefits from
Double	0	Elevation Data that Meets Requirements,
		· · · · ·
		Operational Benefits, Cost Avoidance,
		Maximum Quantitative Benefits, Respondent
G 4	402	Defined
String	492	Nearshore Bathy, Future Benefits from
		Elevation Data that Meets Requirements,
		Operational Benefits, Cost Avoidance,
a. •	10	Description, Respondent Defined
String	12	Nearshore Bathy, Future Benefits from
		Elevation Data that Meets Requirements,
		Operational Benefits, Increased Revenue,
		Harvest/Extraction Yields, Qualitative Benefits
String	28	Nearshore Bathy, Future Benefits from
		Elevation Data that Meets Requirements,
		Operational Benefits, Increased Revenue,
		Harvest/Extraction Yields, Quantitative Benefits
		Units
Double	8	Nearshore Bathy, Future Benefits from
		Elevation Data that Meets Requirements,
		Operational Benefits, Increased Revenue,
		Harvest/Extraction Yields, Minimum
		Quantitative Benefits
Double	8	Nearshore Bathy, Future Benefits from
		Elevation Data that Meets Requirements,
		Operational Benefits, Increased Revenue,
		Harvest/Extraction Yields, Maximum
		Quantitative Benefits
String	136	Nearshore Bathy, Future Benefits from
C		Elevation Data that Meets Requirements,
		Operational Benefits, Increased Revenue,
		Harvest/Extraction Yields, Description
	Double	Double8String492String12String28Double8Double8

Q48d2 NB FutBenOperation	String	12	Nearshore Bathy, Future Benefits from
alRevenueCargoQualitative	C		Elevation Data that Meets Requirements,
			Operational Benefits, Increased Revenue, Cargo
			Carrying Capacity, Qualitative Benefits
Q48d2 NB FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alRevenueCargoUnits	0	_	Elevation Data that Meets Requirements,
			Operational Benefits, Increased Revenue, Cargo
			Carrying Capacity, Quantitative Benefits Units
Q48d2 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alRevenueCargoQuantitative		-	Elevation Data that Meets Requirements,
Min			Operational Benefits, Increased Revenue, Cargo
			Carrying Capacity, Minimum Quantitative
			Benefits
Q48d2 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alRevenueCargoQuantitative		-	Elevation Data that Meets Requirements,
Max			Operational Benefits, Increased Revenue, Cargo
			Carrying Capacity, Maximum Quantitative
			Benefits
Q48d2 NB FutBenOperation	String	550	Nearshore Bathy, Future Benefits from
alRevenueCargoDescription			Elevation Data that Meets Requirements,
and a subscription			Operational Benefits, Increased Revenue, Cargo
			Carrying Capacity, Description
Q48d3 NB FutBenOperation	String	12	Nearshore Bathy, Future Benefits from
alRevenueProductsQualitative	Sumg	12	Elevation Data that Meets Requirements,
			Operational Benefits, Increased Revenue, New
			Products/Services/Applications, Qualitative
			Benefits
Q48d3_NB_FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alRevenueProductsUnits	0		Elevation Data that Meets Requirements,
			Operational Benefits, Increased Revenue, New
			Products/Services/Applications, Quantitative
			Benefits Units
Q48d3 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alRevenueProductsQuantitativ			Elevation Data that Meets Requirements,
eMin			Operational Benefits, Increased Revenue, New
			Products/Services/Applications, Minimum
			Quantitative Benefits
Q48d3 NB FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alRevenueProductsQuantitativ			Elevation Data that Meets Requirements,
eMax			Operational Benefits, Increased Revenue, New
			Products/Services/Applications, Maximum
			Quantitative Benefits
			Zummun ve Denemus

Q48d3_NB_FutBenOperation alRevenueProductsDescription	String	167	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Description
Q48d4_NB_FutBenOperation alRevenueOtherQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Qualitative Benefits, Respondent Defined
Q48d4_NB_FutBenOperation alRevenueOtherUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Quantitative Benefits Units, Respondent Defined
Q48d4_NB_FutBenOperation alRevenueOtherQuantitativeM in	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Minimum Quantitative Benefits, Respondent Defined
Q48d4_NB_FutBenOperation alRevenueOtherQuantitativeM ax	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Maximum Quantitative Benefits, Respondent Defined
Q48d4_NB_FutBenOperation alRevenueOtherDescription	String	131	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Description, Respondent Defined
Q48e1_NB_FutBenOperation alPerformProgEffectQualitativ e	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Qualitative Benefits
Q48e1_NB_FutBenOperation alPerformProgEffectUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Quantitative Benefits Units
Q48e1_NB_FutBenOperation alPerformProgEffectQuantitati veMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Minimum Quantitative Benefits
Q48e1_NB_FutBenOperation alPerformProgEffectQuantitati veMax	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Maximum Quantitative Benefits

Q48e1_NB_FutBenOperation alPerformProgEffectDescripti on	String	321	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Description
Q48e2_NB_FutBenOperation alPerformMissionQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Qualitative Benefits
Q48e2_NB_FutBenOperation alPerformMissionUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Quantitative Benefits Units
Q48e2_NB_FutBenOperation alPerformMissionQuantitative Min	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Minimum Quantitative Benefits
Q48e2_NB_FutBenOperation alPerformMissionQuantitative Max	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Maximum Quantitative Benefits
Q48e2_NB_FutBenOperation alPerformMissionDescription	String	321	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Description
Q48e3_NB_FutBenOperation alPerformProductsQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Qualitative Benefits
Q48e3_NB_FutBenOperation alPerformProductsUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Quantitative Benefits Units
Q48e3_NB_FutBenOperation alPerformProductsQuantitativ eMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Minimum Quantitative Benefits
Q48e3_NB_FutBenOperation alPerformProductsQuantitativ eMax	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Maximum Quantitative Benefits

Q48e3_NB_FutBenOperation	String	321	Nearshore Bathy, Future Benefits from
alPerformProductsDescription	Sums	521	Elevation Data that Meets Requirements,
			Operational Benefits, Performance, Data
			Availability, Description
Q48e4 NB FutBenOperation	String	12	Nearshore Bathy, Future Benefits from
alPerformOtherQualitative	Sung	12	
alleriormotherQuantative			Elevation Data that Meets Requirements,
			Operational Benefits, Performance, Qualitative
	a . :	20	Benefits, Respondent Defined
Q48e4_NB_FutBenOperation	String	28	Nearshore Bathy, Future Benefits from
alPerformOtherUnits			Elevation Data that Meets Requirements,
			Operational Benefits, Performance, Quantitative
			Benefits Units, Respondent Defined
Q48e4_NB_FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alPerformOtherQuantitativeMi			Elevation Data that Meets Requirements,
n			Operational Benefits, Performance, Minimum
			Quantitative Benefits, Respondent Defined
Q48e4_NB_FutBenOperation	Double	8	Nearshore Bathy, Future Benefits from
alPerformOtherQuantitativeM			Elevation Data that Meets Requirements,
ax			Operational Benefits, Performance, Maximum
			Quantitative Benefits, Respondent Defined
Q48e4_NB_FutBenOperation	String	149	Nearshore Bathy, Future Benefits from
alPerformOtherDescription	_		Elevation Data that Meets Requirements,
			Operational Benefits, Performance, Description,
			Respondent Defined
Q48f1 NB FutBenOperationa	String	12	Nearshore Bathy, Future Benefits from
lOtherQualitative	U		Elevation Data that Meets Requirements, Other
			Operational Benefits, Qualitative Benefits,
			Respondent Defined
Q48f1 NB FutBenOperationa	String	28	Nearshore Bathy, Future Benefits from
lOtherUnits	0		Elevation Data that Meets Requirements, Other
			Operational Benefits, Quantitative Benefits
			Units, Respondent Defined
Q48f1 NB FutBenOperationa	Double	8	Nearshore Bathy, Future Benefits from
10therQuantitativeMin	Double		Elevation Data that Meets Requirements, Other
			Operational Benefits, Minimum Quantitative
			Benefits, Respondent Defined
Q48f1 NB FutBenOperationa	Double	8	Nearshore Bathy, Future Benefits from
	Double	0	
lOtherQuantitativeMax			Elevation Data that Meets Requirements, Other
			Operational Benefits, Maximum Quantitative
	GL :	202	Benefits, Respondent Defined
Q48f1_NB_FutBenOperationa	String	292	Nearshore Bathy, Future Benefits from
lOtherDescription			Elevation Data that Meets Requirements, Other
			Operational Benefits, Description, Respondent
			Defined

Q48_NB_FutBenOperationalP otentialUnits	String	14	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Quantitative Benefits Units
Q48_NB_FutBenOperationalP otentialQuantitativeMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Minimum Quantitative Benefits
Q48_NB_FutBenOperationalP otentialQuantitativeMax	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Maximum Quantitative Benefits
Q48_NB_FutBenOperationalP otentialDescription	String	255	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Description
Q48g1_NB_FutBenCustSvcV alueAddedProductsQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Qualitative Benefits
Q48g1_NB_FutBenCustSvcV alueAddedProductsUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Quantitative Benefits Units
Q48g1_NB_FutBenCustSvcV alueAddedProductsQuantitativ eMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Minimum Quantitative Benefits
Q48g1_NB_FutBenCustSvcV alueAddedProductsQuantitativ eMax	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Maximum Quantitative Benefits
Q48g1_NB_FutBenCustSvcV alueAddedProductsDescriptio n	String	321	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Description
Q48g2_NB_FutBenCustSvcV alueAddedAccuracyQualitativ e	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Qualitative Benefits

Q48g2_NB_FutBenCustSvcV alueAddedAccuracyUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Quantitative Benefits Units
Q48g2_NB_FutBenCustSvcV alueAddedAccuracyQuantitati veMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Minimum Quantitative Benefits
Q48g2_NB_FutBenCustSvcV alueAddedAccuracyQuantitati veMax	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Maximum Quantitative Benefits
Q48g2_NB_FutBenCustSvcV alueAddedAccuracyDescriptio n	String	342	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Description
Q48g3_NB_FutBenCustSvcV alueAddedOtherQualitative	String	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Qualitative Benefits, Respondent Defined
Q48g3_NB_FutBenCustSvcV alueAddedOtherUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Quantitative Benefits Units, Respondent Defined
Q48g3_NB_FutBenCustSvcV alueAddedOtherQuantitative Min	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Minimum Quantitative Benefits, Respondent Defined
Q48g3_NB_FutBenCustSvcV alueAddedOtherQuantitative Max	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Maximum Quantitative Benefits, Respondent Defined
Q48g3_NB_FutBenCustSvcV alueAddedOtherDescription	String	387	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Description, Respondent Defined
Q48h1_NB_FutBenCustSvcTi melinessReviewsQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Qualitative Benefits

Q48h1_NB_FutBenCustSvcTi melinessReviewsUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Quantitative Benefits Units
Q48h1_NB_FutBenCustSvcTi melinessReviewsQuantitative Min	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Minimum Quantitative Benefits
Q48h1_NB_FutBenCustSvcTi melinessReviewsQuantitative Max	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Maximum Quantitative Benefits
Q48h1_NB_FutBenCustSvcTi melinessReviewsDescription	String	122	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Description
Q48h2_NB_FutBenCustSvcTi melinessIncidentQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Qualitative Benefits
Q48h2_NB_FutBenCustSvcTi melinessIncidentUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Quantitative Benefits Units
Q48h2_NB_FutBenCustSvcTi melinessIncidentQuantitative Min	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Minimum Quantitative Benefits
Q48h2_NB_FutBenCustSvcTi melinessIncidentQuantitative Max	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Maximum Quantitative Benefits
Q48h2_NB_FutBenCustSvcTi melinessIncidentDescription	String	300	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Description
Q48h3_NB_FutBenCustSvcTi melinessRecoveryQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Qualitative Benefits

Q48h3_NB_FutBenCustSvcTi melinessRecoveryUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Quantitative Benefits Units
Q48h3_NB_FutBenCustSvcTi melinessRecoveryQuantitative Min	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Minimum Quantitative Benefits
Q48h3_NB_FutBenCustSvcTi melinessRecoveryQuantitative Max	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Maximum Quantitative Benefits
Q48h3_NB_FutBenCustSvcTi melinessRecoveryDescription	String	122	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Description
Q48h4_NB_FutBenCustSvcTi melinessAssistanceQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Qualitative Benefits
Q48h4_NB_FutBenCustSvcTi melinessAssistanceUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Quantitative Benefits Units
Q48h4_NB_FutBenCustSvcTi melinessAssistanceQuantitativ eMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Minimum Quantitative Benefits
Q48h4_NB_FutBenCustSvcTi melinessAssistanceQuantitativ eMax	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Maximum Quantitative Benefits
Q48h4_NB_FutBenCustSvcTi melinessAssistanceDescriptio n	String	321	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Description
Q48h5_NB_FutBenCustSvcTi melinessProductsQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to- date Services/Products, Qualitative Benefits

Q48h5_NB_FutBenCustSvcTi melinessProductsUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to- date Services/Products, Quantitative Benefits Units
Q48h5_NB_FutBenCustSvcTi melinessProductsQuantitative Min	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to- date Services/Products, Minimum Quantitative Benefits
Q48h5_NB_FutBenCustSvcTi melinessProductsQuantitative Max	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to- date Services/Products, Maximum Quantitative Benefits
Q48h5_NB_FutBenCustSvcTi melinessProductsDescription	String	321	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to- date Services/Products, Description
Q48h6_NB_FutBenCustSvcTi melinessWarningsQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Qualitative Benefits
Q48h6_NB_FutBenCustSvcTi melinessWarningsUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Quantitative Benefits Units
Q48h6_NB_FutBenCustSvcTi melinessWarningsQuantitative Min	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Minimum Quantitative Benefits
Q48h6_NB_FutBenCustSvcTi melinessWarningsQuantitative Max	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Maximum Quantitative Benefits
Q48h6_NB_FutBenCustSvcTi melinessWarningsDescription	String	321	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Description

Q48h7_NB_FutBenCustSvcTi melinessOtherQualitative	String	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Qualitative Benefits, Respondent Defined
Q48h7_NB_FutBenCustSvcTi melinessOtherUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Quantitative Benefits Units, Respondent Defined
Q48h7_NB_FutBenCustSvcTi melinessOtherQuantitativeMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Minimum Quantitative Benefits, Respondent Defined
Q48h7_NB_FutBenCustSvcTi melinessOtherQuantitativeMa x	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Maximum Quantitative Benefits, Respondent Defined
Q48h7_NB_FutBenCustSvcTi melinessOtherDescription	String	31	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Description, Respondent Defined
Q48i1_NB_FutBenCustSvcCu stExpConfidenceQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Qualitative Benefits
Q48i1_NB_FutBenCustSvcCu stExpConfidenceUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Quantitative Benefits Units
Q48i1_NB_FutBenCustSvcCu stExpConfidenceQuantitative Min	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Minimum Quantitative Benefits
Q48i1_NB_FutBenCustSvcCu stExpConfidenceQuantitative Max	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Maximum Quantitative Benefits
Q48i1_NB_FutBenCustSvcCu stExpConfidenceDescription	String	202	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Description

Q48i2_NB_FutBenCustSvcCu stExpServicesQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Qualitative Benefits
Q48i2_NB_FutBenCustSvcCu stExpServicesUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Quantitative Benefits Units
Q48i2_NB_FutBenCustSvcCu stExpServicesQuantitativeMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Minimum Quantitative Benefits
Q48i2_NB_FutBenCustSvcCu stExpServicesQuantitativeMa x	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Maximum Quantitative Benefits
Q48i2_NB_FutBenCustSvcCu stExpServicesDescription	String	297	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Description
Q48i3_NB_FutBenCustSvcCu stExpAvailabilityQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Qualitative Benefits
Q48i3_NB_FutBenCustSvcCu stExpAvailabilityUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Quantitative Benefits Units
Q48i3_NB_FutBenCustSvcCu stExpAvailabilityQuantitative Min	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Minimum Quantitative Benefits
Q48i3_NB_FutBenCustSvcCu stExpAvailabilityQuantitative Max	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Maximum Quantitative Benefits
Q48i3_NB_FutBenCustSvcCu stExpAvailabilityDescription	String	276	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Description

Q48i4_NB_FutBenCustSvcCu stExpOtherQualitative	String	5	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Qualitative Benefits, Respondent Defined
Q48i4_NB_FutBenCustSvcCu stExpOtherUnits	String	17	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Quantitative Benefits Units, Respondent Defined
Q48i4_NB_FutBenCustSvcCu stExpOtherQuantitativeMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Minimum Quantitative Benefits, Respondent Defined
Q48i4_NB_FutBenCustSvcCu stExpOtherQuantitativeMax	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Maximum Quantitative Benefits, Respondent Defined
Q48i4_NB_FutBenCustSvcCu stExpOtherDescription	String	146	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Description, Respondent Defined
Q48j1_NB_FutBenCustSvcOt herQualitative	String	12	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Qualitative Benefits, Respondent Defined
Q48j1_NB_FutBenCustSvcOt herUnits	String	28	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Quantitative Benefits Units, Respondent Defined
Q48j1_NB_FutBenCustSvcOt herQuantitativeMin	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Minimum Quantitative Benefits, Respondent Defined
Q48j1_NB_FutBenCustSvcOt herQuantitativeMax	Double	8	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Maximum Quantitative Benefits, Respondent Defined
Q48j1_NB_FutBenCustSvcOt herDescription	String	240	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Description, Respondent Defined

Q48 NB FutBenCustSvcPote	String	14	Nearshore Bathy, Future Benefits from
ntialUnits	U		Elevation Data that Meets Requirements,
			Customer Service Benefits, Potential Benefits,
			Quantitative Benefits Units
Q48 NB FutBenCustSvcPote	Double	8	Nearshore Bathy, Future Benefits from
ntialQuantitativeMin			Elevation Data that Meets Requirements,
			Customer Service Benefits, Potential Benefits,
			Minimum Quantitative Benefits
Q48 NB FutBenCustSvcPote	Double	8	Nearshore Bathy, Future Benefits from
ntialQuantitativeMax	200010	Ũ	Elevation Data that Meets Requirements,
initial Qualification of otrains			Customer Service Benefits, Potential Benefits,
			Maximum Quantitative Benefits
Q48 NB FutBenCustSvcPote	String	255	Nearshore Bathy, Future Benefits from
ntialDescription	Sumg	233	Elevation Data that Meets Requirements,
intuitiesemption			Customer Service Benefits, Potential Benefits,
			Description
Q48k1 NB FutBenSocietalEd	String	12	Nearshore Bathy, Future Benefits from
ucationQualitative	Sumg	12	Elevation Data that Meets Requirements,
deationQualitative			Societal Benefits, Education/Outreach,
			Qualitative Benefits
Q48k1 NB FutBenSocietalEd	String	173	Nearshore Bathy, Future Benefits from
ucationDescription	Sumg	175	Elevation Data that Meets Requirements,
deationDescription			Societal Benefits, Education/Outreach,
			Description
Q48k2 NB FutBenSocietalEn	String	12	Nearshore Bathy, Future Benefits from
vironmentalQualitative	Sumg	12	Elevation Data that Meets Requirements,
vironmentalQuantative			Societal Benefits, Environmental, Qualitative
			Benefits
Q48k2 NB FutBenSocietalEn	String	418	Nearshore Bathy, Future Benefits from
vironmentalDescription	String	410	-
VironmentarDescription			Elevation Data that Meets Requirements, Societal Benefits, Environmental, Description
04912 ND EutDarSegistelDu	Stains	12	
Q48k3_NB_FutBenSocietalPu	String	12	Nearshore Bathy, Future Benefits from
blicSafetyQualitative			Elevation Data that Meets Requirements,
			Societal Benefits, Public Safety, Qualitative
O 401-2 ND Earth and a state Dec	C tuiture	49.4	Benefits
Q48k3_NB_FutBenSocietalPu	String	484	Nearshore Bathy, Future Benefits from
blicSafetyDescription			Elevation Data that Meets Requirements,
04911 ND E-4D C 14 104	Ct.	0	Societal Benefits, Public Safety, Description
Q4811_NB_FutBenSocietalOt	String	8	Nearshore Bathy, Future Benefits from
herQualitative			Elevation Data that Meets Requirements, Other
			Societal Benefits, Qualitative Benefits,
			Respondent Defined

Q4811_NB_FutBenSocietalOt herDescription	String	326	Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Societal Benefits, Description, Respondent Defined
Q7_OB_DataType	String	16	Offshore Bathy, Requirement for Data Type
Q7_OB_ValuesAdopted	String	3	Offshore Bathy, Data Type Values from Business Use Averages
Q49_OB_GeographicRegionT ype	String	55	Offshore Bathy, Area of Interest Region Type
Q49_OB_GeographicRegionA rea	String	483	Offshore Bathy, Area of Interest Area Description
Q50_OB_HorizontalError	String	72	Offshore Bathy, Acceptable Horizontal Error
Q51_OB_VerticalError	String	71	Offshore Bathy, Acceptable Vertical Error
Q52a_OB_CrossSectionsTran sectsMeetNeeds	String	7	Offshore Bathy, Cross Sections or Transects Meet Needs
Q52b_OB_CrossSectionsTran sectsRequirements	String	369	Offshore Bathy, Description of Cross Sections/Transects Needed
Q52c_OB_QualityLevel	String	219	Offshore Bathy, Quality Level
Q53_OB_UpdateFrequency	String	334	Offshore Bathy, Update Frequency
Q53_OB_UpdateEvent	String	244	Offshore Bathy, Events Triggering Collection
Q54_OB_GeographicRequire mentVariability	String	369	Offshore Bathy, Variability Across Area of Interest
Q55_OB_TideCorrection	String	214	Offshore Bathy, Requirement for Tide Correction
Q56a_OB_SeamlessTemporal Season	String	16	Offshore Bathy, Requirement for Temporal Seamlessness, Seasonal
Q56a_OB_SeamlessTemporal Environmental	String	16	Offshore Bathy, Requirement for Temporal Seamlessness, Environmental
Q56a_OB_SeamlessTemporal OtherReq	String	16	Offshore Bathy, Requirement for Other Temporal Seamlessness, Respondent Defined
Q56a_OB_SeamlessTemporal OtherDesc	String	177	Offshore Bathy, Description of Other Temporal Seamlessness, Respondent Defined
Q56a_OB_SeamlessSpatialPoi ntCloud	String	16	Offshore Bathy, Requirement for Spatial Seamlessness in Point Cloud Data
Q56a_OB_SeamlessSpatialDE M	String	16	Offshore Bathy, Requirement for Spatial Seamlessness in DEM
Q56a_OB_SeamlessSpatialOt herReq	String	16	Offshore Bathy, Requirement for Other Spatial Seamlessness, Respondent Defined
Q56a_OB_SeamlessSpatialOt herDesc	String	255	Offshore Bathy, Description of Other Spatial Seamlessness, Respondent Defined
			Scannessness, Respondent Denned

Q56b OB SeamlessAcceptabl	String	153	Offshore Bathy, Acceptable Vertical
eVerticalManip	0		Manipulation to Create Seamlessness
Q57 OB DataProductDSM	String	16	Offshore Bathy, Requirement for DSM as a 3D
	0		Product
Q57 OB DataProductDTM	String	16	Offshore Bathy, Requirement for DTM as a 3D
	0		Product
Q57 OB DataProductDEM	String	16	Offshore Bathy, Requirement for DEM as a 3D
	U		Product
Q57 OB DataProductRawPoi	String	16	Offshore Bathy, Requirement for Raw Point
ntCloud	0		Cloud as a 3D Product
Q57 OB DataProductCubeX	String	16	Offshore Bathy, Requirement for Cube X,Y,Z as
YZ	0	_	a 3D Product
Q57 OB DataProductFullWa	String	16	Offshore Bathy, Requirement for Full
veform	6	_	Waveform as a 3D Product
Q57 OB DataProductBAG	String	16	Offshore Bathy, Requirement for BAG as a 3D
	~8	10	Product
Q57 OB DataProductVDatu	String	16	Offshore Bathy, Requirement for VDatum as a
m	0	_	3D Product
Q57 OB DataProductTidePre	String	16	Offshore Bathy, Requirement for Tide
dictions	0		Predictions as a 3D Product
Q57_OB_DataProductTCARI	String	16	Offshore Bathy, Requirement for T-CARI as a
	C		3D Product
Q57 OB DataProductIntensit	String	16	Offshore Bathy, Requirement for Intensity
yImagery	_		Imagery as a 3D Product
Q57_OB_DataProductGround	String	16	Offshore Bathy, Requirement for Ground
ControlTruthing	_		Control Truthing as a 3D Product
Q57_OB_DataProductOtherR	String	16	Offshore Bathy, Requirement for Other 3D
eq			Product(s), Respondent Defined
Q57_OB_DataProductOtherD	String	38	Offshore Bathy, Description of Other 3D
esc			Product(s) Needed, Respondent Defined
Q58_OB_IntegrationHydroSu	String	16	Offshore Bathy, Requirement for Integration
rveyData			with Hydrographic Survey Data
Q58_OB_IntegrationNautical	String	16	Offshore Bathy, Requirement for Integration
Charts	_		with Nautical Charts
Q58_OB_IntegrationAcousticI	String	16	Offshore Bathy, Requirement for Integration
magery	_		with Acoustic Imagery
Q58_OB_IntegrationAerialIm	String	16	Offshore Bathy, Requirement for Integration
agery			with Aerial Imagery
Q58_OB_IntegrationUnderwa	String	16	Offshore Bathy, Requirement for Integration
terVideography			with Underwater Videography
Q58_OB_IntegrationBottomT	String	16	Offshore Bathy, Requirement for Integration
exture			with Bottom Texture Data
Q58_OB_IntegrationBottomT	String	16	Offshore Bathy, Requirement for Integration
уре			with Bottom Type Data

String	16	Offshore Bathy, Requirement for Integration
GL :	16	with Submerged Features Data
String	16	Offshore Bathy, Requirement for Integration
<u>a</u> .	1.6	with Subbottom Characteristics Data
String	16	Offshore Bathy, Requirement for Integration
		with Geologic and Seismic Data
String	16	Offshore Bathy, Requirement for Integration
		with Physical Water Column Properties Data
String	16	Offshore Bathy, Requirement for Integration
		with Chemical Water Column Properties Data
String	16	Offshore Bathy, Requirement for Integration
		with Biological Water Column Properties Data
String	16	Offshore Bathy, Requirement for Integration
		with Currents Data
String	16	Offshore Bathy, Requirement for Integration
		with Tide Wave Heights Data
String	16	Offshore Bathy, Requirement for Integration
C C		with Sea Ice Conditions Data
String	16	Offshore Bathy, Requirement for Integration
		with Habitat Disruption and Classification Data
String	16	Offshore Bathy, Requirement for Integration
		with Boundaries Data
String	16	Offshore Bathy, Requirement for Integration
~	10	with Routes Data
String	16	Offshore Bathy, Requirement for Integration
Sumg	10	with Offshore Cadastral Data
String	16	Offshore Bathy, Requirement for Integration
String	10	with Lease Areas Data
String	16	Offshore Bathy, Requirement for Integration
Sumg	10	with Fixed Obstructions Data
String	16	Offshore Bathy, Requirement for Integration
Sumg	10	with Floating Observation/Navigation Systems
String	16	Offshore Bathy, Requirement for Integration
Sung	10	with Land Use Land Cover Data
Ctuins	16	
String	10	Offshore Bathy, Requirement for Integration
GL :	16	with Wetlands Data
String	16	Offshore Bathy, Requirement for Integration
	1.5	with Estuaries Data
String	16	Offshore Bathy, Requirement for Integration
		with Other Data, Respondent Defined
String	51	Offshore Bathy, Description of Other Data for
		Integration, Respondent Defined
String	3	Offshore Bathy, Need for 3D Derivative TIN
	String String String String String String	String16

Q63_OB_DerivativesContours	String	3	Offshore Bathy, Need for 3D Derivative Contours
Q63_OB_DerivativesHillshad es	String	3	Offshore Bathy, Need for 3D Derivative Hillshades
Q63_OB_DerivativesSlopeMa	String	3	Offshore Bathy, Need for 3D Derivative Slope
p			Map
Q63_OB_DerivativesAspectM	String	3	Offshore Bathy, Need for 3D Derivative Aspect
ap			Map
Q63_OB_DerivativesCurvatur	String	3	Offshore Bathy, Need for 3D Derivative
eMap			Curvature Map
Q63_OB_DerivativesCrossSe	String	3	Offshore Bathy, Need for 3D Derivative Cross
ctions			Sections
Q63_OB_DerivativesHeightA	String	3	Offshore Bathy, Need for 3D Derivative Height-
boveGroundMap			above-ground Map
Q63_OB_DerivativesViewshe	String	3	Offshore Bathy, Need for 3D Derivative
dMap			Viewshed Map
Q63_OB_DerivativesHydrolo	String	3	Offshore Bathy, Need for 3D Derivative
gicFlowDirection			Hydrologic Flow Direction
Q63_OB_DerivativesHydrolo	String	3	Offshore Bathy, Need for 3D Derivative
gicFlowAccumulation			Hydrologic Flow Accumulation
Q63_OB_DerivativesHydrolo	String	3	Offshore Bathy, Need for 3D Derivative
gicNetworks			Hydrologic Networks
Q63_OB_DerivativesHydrolo	String	3	Offshore Bathy, Need for 3D Derivative
gicUnits			Hydrologic Units, Quantitative Benefits Units
Q63_OB_DerivativesBuilding	String	3	Offshore Bathy, Need for 3D Derivative
Footprints			Building Footprints
Q63_OB_DerivativesBreaklin	String	3	Offshore Bathy, Need for 3D Derivative
esForRoadEdge			Breaklines for Road Edge-of-pavement
Q63_OB_DerivativesRugosity	String	3	Offshore Bathy, Need for 3D Derivative
	_		Rugosity
Q63_OB_DerivativesOther	String	227	Offshore Bathy, Description of Other 3D
			Derivative Needed, Respondent Defined
Q59a_OB_DataUsedDesc	String	1168	Offshore Bathy, Description of Current Datasets Used
Q59b OB DataUsedDigitalC	String	3	Offshore Bathy, Respondent Currently Uses
oast	C C		Data from Digital Coast
Q59b_OB_DataUsedNCEI	String	3	Offshore Bathy, Respondent Currently Uses
	_		Data from NCEI
Q59b_OB_DataUsedNautical	String	3	Offshore Bathy, Respondent Currently Uses
Charts	_		Data from Nautical Charts
Q59b_OB_DataUsedNavigati	String	3	Offshore Bathy, Respondent Currently Uses
onCharts	_		Data from Navigation Charts
Q59b_OB_DataUsedMMPGI	String	3	Offshore Bathy, Respondent Currently Uses
S	-		Data from Marine Minerals Program GIS

Q59b_OB_DataUsedOther	String	114	Offshore Bathy, Description of Data Currently Used from Other Respositories, Respondent Defined
Q59c OB CurrentBenefitsOp	String	12	Offshore Bathy, Current Benefits from Elevation
erationalTimeSavings	C		Data, Operational Benefits, Time Savings
Q59c_OB_CurrentBenefitsOp	String	12	Offshore Bathy, Current Benefits from Elevation
erationalCostSavings	C		Data, Operational Benefits, Cost Savings
Q59c OB CurrentBenefitsOp	String	12	Offshore Bathy, Current Benefits from Elevation
erationalCostAvoidance	C		Data, Operational Benefits, Cost Avoidance
Q59c OB CurrentBenefitsOp	String	12	Offshore Bathy, Current Benefits from Elevation
erationalIncreasedRevenue	C		Data, Operational Benefits, Increased Revenue
Q59c OB CurrentBenefitsOp	String	12	Offshore Bathy, Current Benefits from Elevation
erationalPerformance			Data, Operational Benefits, Performance
Q59c OB CurrentBenefitsCu	String	12	Offshore Bathy, Current Benefits from Elevation
stSvcValueAdded			Data, Customer Service Benefits, Value Added
Q59c OB CurrentBenefitsCu	String	12	Offshore Bathy, Current Benefits from Elevation
stSvcTimeliness	-		Data, Customer Service Benefits, Timeliness
Q59c OB CurrentBenefitsCu	String	12	Offshore Bathy, Current Benefits from Elevation
stSvcExperience	-		Data, Customer Service Benefits, Experience
Q59c_OB_CurrentBenefitsSo	String	12	Offshore Bathy, Current Benefits from Elevation
cietalEducationOutreach			Data, Societal Benefits, Education/Outreach
Q59c_OB_CurrentBenefitsSo	String	12	Offshore Bathy, Current Benefits from Elevation
cietalEnvironmental			Data, Societal Benefits, Environmental
Q59c_OB_CurrentBenefitsSo	String	12	Offshore Bathy, Current Benefits from Elevation
cietalPublicSafety			Data, Societal Benefits, Public Safety
Q59c_OB_CurrentBenefitsOt	String	5	Offshore Bathy, Current Benefits from Elevation
herReq			Data, Respondent Defined
Q59c_OB_CurrentBenefitsOt	String	85	Offshore Bathy, Current Benefits from Elevation
herDesc			Data, Respondent Defined
Q60a1_OB_FutBenOperation	String	12	Offshore Bathy, Future Benefits from Elevation
alTimeSaveFieldVistQualitati			Data that Meets Requirements, Operational
ve			Benefits, Time Savings, Field Visits, Qualitative
			Benefits
Q60a1_OB_FutBenOperation	String	28	Offshore Bathy, Future Benefits from Elevation
alTimeSaveFieldVistUnits			Data that Meets Requirements, Operational
			Benefits, Time Savings, Field Visits,
			Quantitative Benefits Units
Q60a1_OB_FutBenOperation	Double	8	Offshore Bathy, Future Benefits from Elevation
alTimeSaveFieldVistQuantitat			Data that Meets Requirements, Operational
iveMin			Benefits, Time Savings, Field Visits, Minimum
			Quantitative Benefits

Q60a1_OB_FutBenOperation alTimeSaveFieldVistQuantitat iveMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Field Visits, Maximum Quantitative Benefits
Q60a1_OB_FutBenOperation alTimeSaveFieldVistDescripti on	String	155	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Field Visits, Description
Q60a2_OB_FutBenOperation alTimeSaveProceduresQualita tive	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Procedures, Qualitative Benefits
Q60a2_OB_FutBenOperation alTimeSaveProceduresUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Procedures, Quantitative Benefits Units
Q60a2_OB_FutBenOperation alTimeSaveProceduresQuantit ativeMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Procedures, Minimum Quantitative Benefits
Q60a2_OB_FutBenOperation alTimeSaveProceduresQuantit ativeMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Procedures, Maximum Quantitative Benefits
Q60a2_OB_FutBenOperation alTimeSaveProceduresDescrip tion	String	189	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Procedures, Description
Q60a3_OB_FutBenOperation alTimeSaveDataManipQualita tive	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Qualitative Benefits
Q60a3_OB_FutBenOperation alTimeSaveDataManipUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Quantitative Benefits Units
Q60a3_OB_FutBenOperation alTimeSaveDataManipQuantit ativeMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Minimum Quantitative Benefits
Q60a3_OB_FutBenOperation alTimeSaveDataManipQuantit ativeMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Maximum Quantitative Benefits

Q60a3_OB_FutBenOperation alTimeSaveDataManipDescrip tion	String	159	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Description
Q60a4_OB_FutBenOperation alTimeSaveDataErrorQualitati ve	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Qualitative Benefits
Q60a4_OB_FutBenOperation alTimeSaveDataErrorUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Quantitative Benefits Units
Q60a4_OB_FutBenOperation alTimeSaveDataErrorQuantita tiveMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Minimum Quantitative Benefits
Q60a4_OB_FutBenOperation alTimeSaveDataErrorQuantita tiveMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Maximum Quantitative Benefits
Q60a4_OB_FutBenOperation alTimeSaveDataErrorDescript ion	String	125	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Description
Q60a5_OB_FutBenOperation alTimeSaveInOfficeQualitativ e	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Qualitative Benefits
Q60a5_OB_FutBenOperation alTimeSaveInOfficeUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Quantitative Benefits Units
Q60a5_OB_FutBenOperation alTimeSaveInOfficeQuantitati veMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Minimum Quantitative Benefits
Q60a5_OB_FutBenOperation alTimeSaveInOfficeQuantitati veMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Maximum Quantitative Benefits
Q60a5_OB_FutBenOperation alTimeSaveInOfficeDescriptio n	String	185	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Description

Q60a6_OB_FutBenOperation alTimeSaveStreamlineQualitat ive	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Qualitative Benefits
Q60a6_OB_FutBenOperation alTimeSaveStreamlineUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Quantitative Benefits Units
Q60a6_OB_FutBenOperation alTimeSaveStreamlineQuantit ativeMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Minimum Quantitative Benefits
Q60a6_OB_FutBenOperation alTimeSaveStreamlineQuantit ativeMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Maximum Quantitative Benefits
Q60a6_OB_FutBenOperation alTimeSaveStreamlineDescrip tion	String	294	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Description
Q60a7_OB_FutBenOperation alTimeSaveOtherQualitative	String	5	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Qualitative Benefits, Respondent Defined
Q60a7_OB_FutBenOperation alTimeSaveOtherUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Quantitative Benefits Units, Respondent Defined
Q60a7_OB_FutBenOperation alTimeSaveOtherQuantitative Min	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Minimum Quantitative Benefits, Respondent Defined
Q60a7_OB_FutBenOperation alTimeSaveOtherQuantitative Max	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Maximum Quantitative Benefits, Respondent Defined
Q60a7_OB_FutBenOperation alTimeSaveOtherDescription	String	30	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Description, Respondent Defined
Q60b1_OB_FutBenOperation alCostSaveDataAcqQualitativ e	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Qualitative Benefits

Q60b1_OB_FutBenOperation alCostSaveDataAcqUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Quantitative Benefits Units
Q60b1_OB_FutBenOperation alCostSaveDataAcqQuantitati veMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Minimum Quantitative Benefits
Q60b1_OB_FutBenOperation alCostSaveDataAcqQuantitati veMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Maximum Quantitative Benefits
Q60b1_OB_FutBenOperation alCostSaveDataAcqDescriptio n	String	155	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Description
Q60b2_OB_FutBenOperation alCostSaveMaterialsQualitativ e	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Qualitative Benefits
Q60b2_OB_FutBenOperation alCostSaveMaterialsUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Quantitative Benefits Units
Q60b2_OB_FutBenOperation alCostSaveMaterialsQuantitati veMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Minimum Quantitative Benefits
Q60b2_OB_FutBenOperation alCostSaveMaterialsQuantitati veMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Maximum Quantitative Benefits
Q60b2_OB_FutBenOperation alCostSaveMaterialsDescripti on	String	65	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Materials, Description
Q60b3_OB_FutBenOperation alCostSaveOtherQualitative	String	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Qualitative Benefits, Respondent Defined
Q60b3_OB_FutBenOperation alCostSaveOtherUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Quantitative Benefits Units, Respondent Defined

Q60b3_OB_FutBenOperation alCostSaveOtherQuantitative Min	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Minimum Quantitative Benefits, Respondent Defined
Q60b3_OB_FutBenOperation alCostSaveOtherQuantitative Max	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Maximum Quantitative Benefits, Respondent Defined
Q60b3_OB_FutBenOperation alCostSaveOtherDescription	String	255	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Description, Respondent Defined
Q60c1_OB_FutBenOperation alCostAvoidProcessingQualita tive	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Qualitative Benefits
Q60c1_OB_FutBenOperation alCostAvoidProcessingUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Quantitative Benefits Units
Q60c1_OB_FutBenOperation alCostAvoidProcessingQuantit ativeMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Minimum Quantitative Benefits
Q60c1_OB_FutBenOperation alCostAvoidProcessingQuantit ativeMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Maximum Quantitative Benefits
Q60c1_OB_FutBenOperation alCostAvoidProcessingDescri ption	String	115	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Processing, Description
Q60c2_OB_FutBenOperation alCostAvoidDataErrorQualitat ive	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Qualitative Benefits
Q60c2_OB_FutBenOperation alCostAvoidDataErrorUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Quantitative Benefits Units
Q60c2_OB_FutBenOperation alCostAvoidDataErrorQuantit ativeMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Minimum Quantitative Benefits

Q60c2_OB_FutBenOperation alCostAvoidDataErrorQuantit ativeMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Maximum Quantitative Benefits
Q60c2_OB_FutBenOperation alCostAvoidDataErrorDescrip tion	String	115	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Data Error, Description
Q60c3_OB_FutBenOperation alCostAvoidPropertyLossQual itative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Qualitative Benefits
Q60c3_OB_FutBenOperation alCostAvoidPropertyLossUnit s	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Quantitative Benefits Units
Q60c3_OB_FutBenOperation alCostAvoidPropertyLossQua ntitativeMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Minimum Quantitative Benefits
Q60c3_OB_FutBenOperation alCostAvoidPropertyLossQua ntitativeMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Maximum Quantitative Benefits
Q60c3_OB_FutBenOperation alCostAvoidPropertyLossDesc ription	String	333	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Description
Q60c4_OB_FutBenOperation alCostAvoidAccidentQualitati ve	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Qualitative Benefits
Q60c4_OB_FutBenOperation alCostAvoidAccidentUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Quantitative Benefits Units
Q60c4_OB_FutBenOperation alCostAvoidAccidentQuantitat iveMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Minimum Quantitative Benefits
Q60c4_OB_FutBenOperation alCostAvoidAccidentQuantitat iveMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Maximum Quantitative Benefits

Q60c4_OB_FutBenOperation alCostAvoidAccidentDescripti on	String	285	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Description
Q60c5_OB_FutBenOperation alCostAvoidOtherQualitative	String	5	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Qualitative Benefits, Respondent Defined
Q60c5_OB_FutBenOperation alCostAvoidOtherUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Quantitative Benefits Units, Respondent Defined
Q60c5_OB_FutBenOperation alCostAvoidOtherQuantitative Min	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Minimum Quantitative Benefits, Respondent Defined
Q60c5_OB_FutBenOperation alCostAvoidOtherQuantitative Max	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Maximum Quantitative Benefits, Respondent Defined
Q60c5_OB_FutBenOperation alCostAvoidOtherDescription	String	78	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Description, Respondent Defined
Q60d1_OB_FutBenOperation alRevenueYieldsQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Qualitative Benefits
Q60d1_OB_FutBenOperation alRevenueYieldsUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Quantitative Benefits Units
Q60d1_OB_FutBenOperation alRevenueYieldsQuantitative Min	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Minimum Quantitative Benefits
Q60d1_OB_FutBenOperation alRevenueYieldsQuantitative Max	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Maximum Quantitative Benefits
Q60d1_OB_FutBenOperation alRevenueYieldsDescription	String	144	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Description

Q60d2_OB_FutBenOperation alRevenueCargoQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Qualitative Benefits
Q60d2_OB_FutBenOperation alRevenueCargoUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Quantitative Benefits Units
Q60d2_OB_FutBenOperation alRevenueCargoQuantitative Min	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Minimum Quantitative Benefits
Q60d2_OB_FutBenOperation alRevenueCargoQuantitative Max	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Maximum Quantitative Benefits
Q60d2_OB_FutBenOperation alRevenueCargoDescription	String	228	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Description
Q60d3_OB_FutBenOperation alRevenueProductsQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Qualitative Benefits
Q60d3_OB_FutBenOperation alRevenueProductsUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Quantitative Benefits Units
Q60d3_OB_FutBenOperation alRevenueProductsQuantitativ eMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Minimum Quantitative Benefits
Q60d3_OB_FutBenOperation alRevenueProductsQuantitativ eMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Maximum Quantitative Benefits
Q60d3_OB_FutBenOperation alRevenueProductsDescription	String	285	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Description

Q60d4_OB_FutBenOperation alRevenueOtherQualitative	String	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Qualitative Benefits, Respondent Defined
Q60d4_OB_FutBenOperation alRevenueOtherUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Quantitative Benefits Units, Respondent Defined
Q60d4_OB_FutBenOperation alRevenueOtherQuantitativeM in	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Minimum Quantitative Benefits, Respondent Defined
Q60d4_OB_FutBenOperation alRevenueOtherQuantitativeM ax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Maximum Quantitative Benefits, Respondent Defined
Q60d4_OB_FutBenOperation alRevenueOtherDescription	String	131	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Description, Respondent Defined
Q60e1_OB_FutBenOperation alPerformProgEffectQualitativ e	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Qualitative Benefits
Q60e1_OB_FutBenOperation alPerformProgEffectUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Quantitative Benefits Units
Q60e1_OB_FutBenOperation alPerformProgEffectQuantitati veMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Minimum Quantitative Benefits
Q60e1_OB_FutBenOperation alPerformProgEffectQuantitati veMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Maximum Quantitative Benefits
Q60e1_OB_FutBenOperation alPerformProgEffectDescripti on	String	285	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Program Effectiveness, Description
Q60e2_OB_FutBenOperation alPerformMissionQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Qualitative Benefits

Q60e2_OB_FutBenOperation alPerformMissionUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Quantitative Benefits Units
Q60e2_OB_FutBenOperation alPerformMissionQuantitative Min	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Minimum Quantitative Benefits
Q60e2_OB_FutBenOperation alPerformMissionQuantitative Max	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Maximum Quantitative Benefits
Q60e2_OB_FutBenOperation alPerformMissionDescription	String	285	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Ability to Carry Out Mission, Description
Q60e3_OB_FutBenOperation alPerformProductsQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Qualitative Benefits
Q60e3_OB_FutBenOperation alPerformProductsUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Quantitative Benefits Units
Q60e3_OB_FutBenOperation alPerformProductsQuantitativ eMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Minimum Quantitative Benefits
Q60e3_OB_FutBenOperation alPerformProductsQuantitativ eMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Maximum Quantitative Benefits
Q60e3_OB_FutBenOperation alPerformProductsDescription	String	285	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Description
Q60e4_OB_FutBenOperation alPerformOtherQualitative	String	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Qualitative Benefits, Respondent Defined
Q60e4_OB_FutBenOperation alPerformOtherUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Quantitative Benefits Units, Respondent Defined

Q60e4_OB_FutBenOperation alPerformOtherQuantitativeMi n	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Minimum Quantitative Benefits, Respondent Defined
Q60e4_OB_FutBenOperation alPerformOtherQuantitativeM ax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Maximum Quantitative Benefits, Respondent Defined
Q60e4_OB_FutBenOperation alPerformOtherDescription	String	112	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Description, Respondent Defined
Q60f1_OB_FutBenOperationa lOtherQualitative	String	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Qualitative Benefits, Respondent Defined
Q60f1_OB_FutBenOperationa lOtherUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Quantitative Benefits Units, Respondent Defined
Q60f1_OB_FutBenOperationa lOtherQuantitativeMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Minimum Quantitative Benefits, Respondent Defined
Q60f1_OB_FutBenOperationa lOtherQuantitativeMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Maximum Quantitative Benefits, Respondent Defined
Q60f1_OB_FutBenOperationa lOtherDescription	String	285	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Description, Respondent Defined
Q60_OB_FutBenOperationalP otentialUnits	String	14	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Quantitative Benefits Units
Q60_OB_FutBenOperationalP otentialQuantitativeMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Minimum Quantitative Benefits
Q60_OB_FutBenOperationalP otentialQuantitativeMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Maximum Quantitative Benefits

Q60_OB_FutBenOperationalP otentialDescription	String	255	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Description
Q60g1_OB_FutBenCustSvcV alueAddedProductsQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Qualitative Benefits
Q60g1_OB_FutBenCustSvcV alueAddedProductsUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Quantitative Benefits Units
Q60g1_OB_FutBenCustSvcV alueAddedProductsQuantitativ eMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Minimum Quantitative Benefits
Q60g1_OB_FutBenCustSvcV alueAddedProductsQuantitativ eMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Maximum Quantitative Benefits
Q60g1_OB_FutBenCustSvcV alueAddedProductsDescriptio n	String	186	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Description
Q60g2_OB_FutBenCustSvcV alueAddedAccuracyQualitativ e	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Qualitative Benefits
Q60g2_OB_FutBenCustSvcV alueAddedAccuracyUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Quantitative Benefits Units
Q60g2_OB_FutBenCustSvcV alueAddedAccuracyQuantitati veMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Minimum Quantitative Benefits
Q60g2_OB_FutBenCustSvcV alueAddedAccuracyQuantitati veMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Maximum Quantitative Benefits

String	342	Offshore Bathy, Future Benefits from Elevation
		Data that Meets Requirements, Customer
		Service Benefits, Value Added, Accuracy,
		Description
String	8	Offshore Bathy, Future Benefits from Elevation
		Data that Meets Requirements, Customer
		Service Benefits, Value Added, Qualitative
		Benefits, Respondent Defined
String	28	Offshore Bathy, Future Benefits from Elevation
_		Data that Meets Requirements, Customer
		Service Benefits, Value Added, Quantitative
		Benefits Units, Respondent Defined
Double	8	Offshore Bathy, Future Benefits from Elevation
		Data that Meets Requirements, Customer
		Service Benefits, Value Added, Minimum
		Quantitative Benefits, Respondent Defined
Double	8	Offshore Bathy, Future Benefits from Elevation
		Data that Meets Requirements, Customer
		Service Benefits, Value Added, Maximum
		Quantitative Benefits, Respondent Defined
String	387	Offshore Bathy, Future Benefits from Elevation
C		Data that Meets Requirements, Customer
		Service Benefits, Value Added, Description,
		Respondent Defined
String	12	Offshore Bathy, Future Benefits from Elevation
C		Data that Meets Requirements, Customer
		Service Benefits, Timeliness, Reviews and
		Approvals, Qualitative Benefits
String	28	Offshore Bathy, Future Benefits from Elevation
C		Data that Meets Requirements, Customer
		Service Benefits, Timeliness, Reviews and
		Approvals, Quantitative Benefits Units
Double	8	Offshore Bathy, Future Benefits from Elevation
		Data that Meets Requirements, Customer
		Service Benefits, Timeliness, Reviews and
		Approvals, Minimum Quantitative Benefits
Double	8	Offshore Bathy, Future Benefits from Elevation
		Data that Meets Requirements, Customer
		Service Benefits, Timeliness, Reviews and
		Approvals, Maximum Quantitative Benefits
String	144	Offshore Bathy, Future Benefits from Elevation
		Data that Meets Requirements, Customer
		Service Benefits, Timeliness, Reviews and
	String Double String String String String Double Double	String8String28Double8Double8String387String12String28Double8Double8String28Double8

Q60h2_OB_FutBenCustSvcTi melinessIncidentQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Qualitative Benefits
Q60h2_OB_FutBenCustSvcTi melinessIncidentUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Quantitative Benefits Units
Q60h2_OB_FutBenCustSvcTi melinessIncidentQuantitative Min	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Minimum Quantitative Benefits
Q60h2_OB_FutBenCustSvcTi melinessIncidentQuantitative Max	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Maximum Quantitative Benefits
Q60h2_OB_FutBenCustSvcTi melinessIncidentDescription	String	103	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Description
Q60h3_OB_FutBenCustSvcTi melinessRecoveryQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Qualitative Benefits
Q60h3_OB_FutBenCustSvcTi melinessRecoveryUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Quantitative Benefits Units
Q60h3_OB_FutBenCustSvcTi melinessRecoveryQuantitative Min	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Minimum Quantitative Benefits
Q60h3_OB_FutBenCustSvcTi melinessRecoveryQuantitative Max	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Maximum Quantitative Benefits
Q60h3_OB_FutBenCustSvcTi melinessRecoveryDescription	String	88	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Recovery after Event, Description

Q60h4_OB_FutBenCustSvcTi melinessAssistanceQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Qualitative Benefits
Q60h4_OB_FutBenCustSvcTi melinessAssistanceUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Quantitative Benefits Units
Q60h4_OB_FutBenCustSvcTi melinessAssistanceQuantitativ eMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Minimum Quantitative Benefits
Q60h4_OB_FutBenCustSvcTi melinessAssistanceQuantitativ eMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Maximum Quantitative Benefits
Q60h4_OB_FutBenCustSvcTi melinessAssistanceDescriptio n	String	139	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Assistance, Description
Q60h5_OB_FutBenCustSvcTi melinessProductsQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Qualitative Benefits
Q60h5_OB_FutBenCustSvcTi melinessProductsUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Quantitative Benefits Units
Q60h5_OB_FutBenCustSvcTi melinessProductsQuantitative Min	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Minimum Quantitative Benefits
Q60h5_OB_FutBenCustSvcTi melinessProductsQuantitative Max	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Maximum Quantitative Benefits
Q60h5_OB_FutBenCustSvcTi melinessProductsDescription	String	101	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Up-to-date Services/Products, Description

Q60h6_OB_FutBenCustSvcTi	String	12	Offshore Bathy, Future Benefits from Elevation
melinessWarningsQualitative			Data that Meets Requirements, Customer
			Service Benefits, Timeliness, Event Projections
			and Warnings, Qualitative Benefits
Q60h6_OB_FutBenCustSvcTi	String	28	Offshore Bathy, Future Benefits from Elevation
melinessWarningsUnits			Data that Meets Requirements, Customer
			Service Benefits, Timeliness, Event Projections
			and Warnings, Quantitative Benefits Units
Q60h6_OB_FutBenCustSvcTi	Double	8	Offshore Bathy, Future Benefits from Elevation
melinessWarningsQuantitative			Data that Meets Requirements, Customer
Min			Service Benefits, Timeliness, Event Projections
			and Warnings, Minimum Quantitative Benefits
Q60h6_OB_FutBenCustSvcTi	Double	8	Offshore Bathy, Future Benefits from Elevation
melinessWarningsQuantitative			Data that Meets Requirements, Customer
Max			Service Benefits, Timeliness, Event Projections
			and Warnings, Maximum Quantitative Benefits
Q60h6_OB_FutBenCustSvcTi	String	139	Offshore Bathy, Future Benefits from Elevation
melinessWarningsDescription			Data that Meets Requirements, Customer
			Service Benefits, Timeliness, Event Projections
			and Warnings, Description
Q60h7 OB FutBenCustSvcTi	String	5	Offshore Bathy, Future Benefits from Elevation
melinessOtherQualitative	C		Data that Meets Requirements, Customer
			Service Benefits, Timeliness, Qualitative
			Benefits, Respondent Defined
Q60h7 OB FutBenCustSvcTi	String	17	Offshore Bathy, Future Benefits from Elevation
melinessOtherUnits	U		Data that Meets Requirements, Customer
			Service Benefits, Timeliness, Quantitative
			Benefits Units, Respondent Defined
Q60h7 OB FutBenCustSvcTi	Double	8	Offshore Bathy, Future Benefits from Elevation
melinessOtherQuantitativeMin			Data that Meets Requirements, Customer
			Service Benefits, Timeliness, Minimum
			Quantitative Benefits, Respondent Defined
Q60h7 OB FutBenCustSvcTi	Double	8	Offshore Bathy, Future Benefits from Elevation
melinessOtherQuantitativeMa			Data that Meets Requirements, Customer
x			Service Benefits, Timeliness, Maximum
			Quantitative Benefits, Respondent Defined
Q60h7 OB FutBenCustSvcTi	String	255	Offshore Bathy, Future Benefits from Elevation
melinessOtherDescription	8		Data that Meets Requirements, Customer
P			Service Benefits, Timeliness, Description,
			Respondent Defined
Q60i1 OB FutBenCustSvcCu	String	12	Offshore Bathy, Future Benefits from Elevation
stExpConfidenceQualitative	8		Data that Meets Requirements, Customer
1			Service Benefits, Experience, Confidence,
			Qualitative Benefits
		1	Zummur to Denomi

Q60i1_OB_FutBenCustSvcCu stExpConfidenceUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Quantitative Benefits Units
Q60i1_OB_FutBenCustSvcCu stExpConfidenceQuantitative Min	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Minimum Quantitative Benefits
Q60i1_OB_FutBenCustSvcCu stExpConfidenceQuantitative Max	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Maximum Quantitative Benefits
Q60i1_OB_FutBenCustSvcCu stExpConfidenceDescription	String	153	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Description
Q60i2_OB_FutBenCustSvcCu stExpServicesQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Qualitative Benefits
Q60i2_OB_FutBenCustSvcCu stExpServicesUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Quantitative Benefits Units
Q60i2_OB_FutBenCustSvcCu stExpServicesQuantitativeMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Minimum Quantitative Benefits
Q60i2_OB_FutBenCustSvcCu stExpServicesQuantitativeMa x	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Maximum Quantitative Benefits
Q60i2_OB_FutBenCustSvcCu stExpServicesDescription	String	158	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, New Products/Services/Applications, Description
Q60i3_OB_FutBenCustSvcCu stExpAvailabilityQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Qualitative Benefits

Q60i3_OB_FutBenCustSvcCu stExpAvailabilityUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Quantitative Benefits Units
Q60i3_OB_FutBenCustSvcCu stExpAvailabilityQuantitative Min	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Minimum Quantitative Benefits
Q60i3_OB_FutBenCustSvcCu stExpAvailabilityQuantitative Max	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Maximum Quantitative Benefits
Q60i3_OB_FutBenCustSvcCu stExpAvailabilityDescription	String	196	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Description
Q60i4_OB_FutBenCustSvcCu stExpOtherQualitative	String	5	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Qualitative Benefits, Respondent Defined
Q60i4_OB_FutBenCustSvcCu stExpOtherUnits	String	17	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Quantitative Benefits Units, Respondent Defined
Q60i4_OB_FutBenCustSvcCu stExpOtherQuantitativeMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Minimum Quantitative Benefits, Respondent Defined
Q60i4_OB_FutBenCustSvcCu stExpOtherQuantitativeMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Maximum Quantitative Benefits, Respondent Defined
Q60i4_OB_FutBenCustSvcCu stExpOtherDescription	String	255	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Description, Respondent Defined
Q60j1_OB_FutBenCustSvcOt herQualitative	String	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Qualitative Benefits, Respondent Defined
Q60j1_OB_FutBenCustSvcOt herUnits	String	28	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Quantitative Benefits Units, Respondent Defined

Q60j1_OB_FutBenCustSvcOt herQuantitativeMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Minimum Quantitative Benefits, Respondent Defined
Q60j1_OB_FutBenCustSvcOt herQuantitativeMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Maximum Quantitative Benefits, Respondent Defined
Q60j1_OB_FutBenCustSvcOt herDescription	String	240	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Customer Service Benefits, Description, Respondent Defined
Q60_OB_FutBenCustSvcPote ntialUnits	String	14	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Potential Benefits, Quantitative Benefits Units
Q60_OB_FutBenCustSvcPote ntialQuantitativeMin	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Potential Benefits, Minimum Quantitative Benefits
Q60_OB_FutBenCustSvcPote ntialQuantitativeMax	Double	8	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Potential Benefits, Maximum Quantitative Benefits
Q60_OB_FutBenCustSvcPote ntialDescription	String	255	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Potential Benefits, Description
Q60k1_OB_FutBenSocietalEd ucationQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Education/Outreach, Qualitative Benefits
Q60k1_OB_FutBenSocietalEd ucationDescription	String	131	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Education/Outreach, Description
Q60k2_OB_FutBenSocietalEn vironmentalQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Environmental, Qualitative Benefits
Q60k2_OB_FutBenSocietalEn vironmentalDescription	String	418	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Environmental, Description
Q60k3_OB_FutBenSocietalPu blicSafetyQualitative	String	12	Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Societal Benefits, Public Safety, Qualitative Benefits

Q60k3_OB_FutBenSocietalPu	String	332	Offshore Bathy, Future Benefits from Elevation
blicSafetyDescription			Data that Meets Requirements, Societal Benefits, Public Safety, Description
Q6011_OB_FutBenSocietalOt	String	8	Offshore Bathy, Future Benefits from Elevation
herQualitative			Data that Meets Requirements, Other Societal
			Benefits, Qualitative Benefits, Respondent
			Defined
Q6011_OB_FutBenSocietalOt	String	213	Offshore Bathy, Future Benefits from Elevation
herDescription			Data that Meets Requirements, Other Societal
			Benefits, Description, Respondent Defined
Q67_AssistanceCoordination	String	3	Assistance Desired for Coordination
Q67_AssistanceMetadata	String	3	Assistance Desired for Metadata
Q67_AssistanceArchiving	String	3	Assistance Desired for Archiving
Q67_AssistanceGeoFileForma	String	3	Assistance Desired for Converting Between File
ts			Formats
Q67_AssistanceProjections	String	3	Assistance Desired for Converting Between
			Projections
Q67_AssistanceHorizontalDat	String	3	Assistance Desired for Converting Between
ums			Horizontal Datums
Q67_AssistanceVerticalDatu	String	3	Assistance Desired for Converting Between
ms			Vertical Datums
Q67_AssistanceTraining	String	3	Assistance Desired for Training
Q67_AssistanceOther	String	358	Assistance Desired for Other, Respondent
			Defined
Q67_AssistanceNone	String	3	No Assistance Desired
Q67a_AssistanceTrainingDesc	String	950	Description of Desired Training
Q68_FinalComments	String	3034	Final Comments
Q23 IT FutBenOperationalM	Double	8	Inland Topo, Future Benefits, Operational
in			Benefits, Dollars, Minimum
Q23 IT FutBenOperationalM	Double	8	Inland Topo, Future Benefits, Operational
ax			Benefits, Dollars, Maximum
Q23 IT FutBenCustSvcMin	Double	8	Inland Topo, Future Benefits, Customer Service
			Benefits, Dollars, Minimum
Q23_IT_FutBenCustSvcMax	Double	8	Inland Topo, Future Benefits, Customer Service
			Benefits, Dollars, Maximum
Q23_IT_FutBenTotalMin	Double	8	Inland Topo, Future Benefits, Total Benefits,
			Dollars, Minimum
Q23_IT_FutBenTotalMax	Double	8	Inland Topo, Future Benefits, Total Benefits,
			Dollars, Maximum

	Inland Bathy, Future Benefits, Operational
	Benefits, Dollars, Minimum
Q31_IB_FutBenOperationalM Double 8	Inland Bathy, Future Benefits, Operational
ax	Benefits, Dollars, Maximum
Q31_IB_FutBenCustSvcMin Double 8	Inland Bathy, Future Benefits, Customer Service
	Benefits, Dollars, Minimum
Q31_IB_FutBenCustSvcMax Double 8	Inland Bathy, Future Benefits, Customer Service
	Benefits, Dollars, Maximum
Q31_IB_FutBenTotalMin Double 8	Inland Bathy, Future Benefits, Total Benefits,
	Dollars, Minimum
Q31_IB_FutBenTotalMax Double 8	Inland Bathy, Future Benefits, Total Benefits,
	Dollars, Maximum
Q48_NB_FutBenOperational Double 8	Nearshore Bathy, Future Benefits, Operational
Min	Benefits, Dollars, Minimum
Q48 NB FutBenOperational Double 8	Nearshore Bathy, Future Benefits, Operational
Max	Benefits, Dollars, Maximum
Q48_NB_FutBenCustSvcMin Double 8	Nearshore Bathy, Future Benefits, Customer
	Service Benefits, Dollars, Minimum
Q48 NB FutBenCustSvcMax Double 8	Nearshore Bathy, Future Benefits, Customer
	Service Benefits, Dollars, Maximum
Q48 NB FutBenTotalMin Double 8	Nearshore Bathy, Future Benefits, Total
	Benefits, Dollars, Minimum
Q48 NB FutBenTotalMax Double 8	Nearshore Bathy, Future Benefits, Total
	Benefits, Dollars, Maximum
Q60 OB FutBenOperational Double 8	Offshore Bathy, Future Benefits, Operational
Min	Benefits, Dollars, Minimum
Q60 OB FutBenOperational Double 8	Offshore Bathy, Future Benefits, Operational
Max	Benefits, Dollars, Maximum
Q60 OB FutBenCustSvcMin Double 8	Offshore Bathy, Future Benefits, Customer
	Service Benefits, Dollars, Minimum
Q60_OB_FutBenCustSvcMax Double 8	Offshore Bathy, Future Benefits, Customer
	Service Benefits, Dollars, Maximum
Q60 OB FutBenTotalMin Double 8	Offshore Bathy, Future Benefits, Total Benefits,
	Dollars, Minimum
Q60 OB FutBenTotalMax Double 8	Offshore Bathy, Future Benefits, Total Benefits,
	Dollars, Maximum



3DNationStudy.gdb Geodatabase Diagram