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.

| Data Type | Length | Description |
|-----------|--|--|
| ObjectID | 4 | Internal feature number; sequential unique |
| | | whole number that is automatically generated |
| String | 5 | MCA ID |
| String | 183 | MCA Title |
| String | 4188 | MCA Description |
| String | 24 | Organization Grouping |
| String | 125 | Organization Name |
| String | 58 | Organization Type |
| String | 9 | Federal Agency Name |
| String | 206 | Federal Sub-Agency |
| String | 3140 | Mission, Ability to Carry Out Mission |
| String | 3855 | Program Name |
| String | 17 | Program Budget |
| String | 87 | Primary Business Use |
| String | 87 | Secondary Business Use |
| String | 87 | Tertiary Business Use |
| String | 16 | 3D Importance of Bare Earth Ground |
| String | 16 | 3D Importance of Tops of Structures |
| String | 16 | 3D Importance of Tops of Vegetation |
| String | 16 | 3D Importance of Submerged Structures |
| String | 16 | 3D Importance of Submerged Vegetation |
| String | 16 | 3D Importance of Sub-canopy Vegetation |
| String | 16 | 3D Importance of River/Lake Bottom |
| | ObjectID String String | ObjectID 4 String 5 String 183 String 24 String 125 String 58 String 206 String 3140 String 17 String 17 String 87 String 87 String 16 String 16 |

| 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 | 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 | 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 | String | 12 | Data Formats Needed Vector ENC File Types |
| Q65b_DataFormatsRasterGeo TIFF | String | 12 | Data Formats Needed Raster GeoTIFF File Types |
| Q65b_DataFormatsRasterTIF | 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 | String | 12 | Data Formats Needed Raster RNC File Types |
| Q65c_DataFormatsGriddedB | String | 12 | Data Formats Needed Gridded BAG File Types |
| Q65c_DataFormatsGriddedGe oTIFF | String | 12 | Data Formats Needed Gridded GeoTIFF File Types |

| Q65c_DataFormatsGriddedAS | String | 12 | Data Formats Needed Gridded ASCII File Types |
|-----------------------------|--------|-----|--|
| Q65c DataFormatsGriddedAr | String | 12 | Data Formats Needed Gridded ArcGrid File |
| cGrid | | | Types |
| Q65c DataFormatsGriddedNe | String | 12 | Data Formats Needed Gridded NetCDF File |
| tCDF | 8 | | Types |
| Q65c DataFormatsGriddedGr | String | 12 | Data Formats Needed Gridded GridFloat File |
| idFloat | | | Types |
| Q65c DataFormatsGriddedIM | String | 12 | Data Formats Needed Gridded IMG File Types |
| G | 8 | | 31 |
| Q65c DataFormatsGriddedD | String | 12 | Data Formats Needed Gridded DTED File |
| TED | | | Types |
| Q65d DataFormatsMassPoint | String | 12 | Data Formats Needed Mass Point LAS File |
| sLAS | 8 | | Types |
| Q65d DataFormatsMassPoint | String | 12 | Data Formats Needed Mass Point ASCII File |
| sASCII | 8 | | Types |
| Q65e DataFormatsOtherTIN | String | 12 | Data Formats Needed TIN File Types |
| _ | 3 | | |
| Q65e_DataFormatsOtherOther | String | 9 | Data Formats Needed for Other File Types |
| Req | | | Value, Respondent Defined |
| Q65e_DataFormatsOtherOther | String | 197 | Data Formats Needed for Other File Types |
| Desc | | | Description, Respondent Defined |
| Q62a_DataArchivedPubliclyA | String | 16 | Importance of Data being Publically Available |
| vailableImportance | | | |
| Q62b_DataArchivedPubliclyA | String | 176 | Respondent's Data is Currently Publically |
| vailableCurrently | | | Available |
| Q62c_DataArchivedInternalR | String | 3 | Respondent's Data is Hosted on an Internal |
| esources | | | System |
| Q62c_DataArchivedEnterprise | String | 3 | Respondent's Data is Hosted on an Enterprise |
| System | | | System |
| Q62c_DataArchivedStateRepo | String | 3 | Respondent's Data is Hosted on a State |
| sitory | | | 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 | String | 3 | Respondent's Data is Hosted on Marine Cadastre |
| dastre | 38 | | |
| Q62c DataArchivedDigitalCo | String | 3 | Respondent's Data is Hosted on Digital Coast |
| ast | | | |
| Q62c DataArchivedThirdPart | String | 3 | Respondent's Data is Hosted on Third Party |
| y | Sums | | System |
| Q62c DataArchivedOther | String | 275 | Respondent's Data is Hosted on Other System, |
| 2020_Sama Helli (ed e llei | ~5 | 2,5 | Respondent Defined |
| | | | Respondent Defined |

| Q66_DataAccessMethodDow String 16 Requirement for Data Access Service for Download Q66_DataAccessMethodCusto String 16 Requirement for Data Access Service for Customized Product G66_DataAccessMethodDyna 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 Visualization Q7_IT_DataType String 12 Inland Topo, Requirement for Data Type Q7_IT_ValuesAdopted String 3 Inland Topo, Data Type Values from Business Use Averages Q11_IT_GeographicRegionTy String G7 Inland Topo, Area of Interest Region Type Q11_IT_GeographicRegionAr String String A158 Inland Topo, Area of Interest Area Description Q12_IT_HorizontalError String String Q1 Inland Topo, Acceptable Horizontal Error Q13_IT_VerticalError String String String String String String String G14_IT_BeachProfileDistance String String String Inland Topo, Distance Down the Beach Profile Q15a_IT_CrossSectionsTrans String String String G34 Inland Topo, Description of Cross CatsMeetNeeds Q15b_IT_CrossSectionsTrans String G34 Inland Topo, Description of Cross SectionsTransects Needed Q16_IT_UpdateFrequency String 390 Inland Topo, Update Frequency Q16_IT_UpdateFrequency String 341 Inland Topo, Processing, Hydrologic Flattening ening Q18_IT_HydroProcessingEnt String 16 Inland Topo, Processing, Hydrologic Gonditioning Q18_IT_HydroProcessingEnt String 16 Inland Topo, Processing, Hydrologic Conditioning Q18_IT_HydroProcessingNoT String 16 Inland Topo, Processing, No Hydrologic Q18_IT_HydroProcessingNoT String 16 Inland Topo, Processing, No Hydrologic Q18_IT_HydroProcessingNoT String 16 Inland Topo, Processing, No Hydrologic Q18_IT_HydroProcessingNoT String | Q66_DataAccessMethodDisco | String | 16 | Requirement for Data Access Service for Discovery |
|--|-----------------------------|--------|------|---|
| Note Download Download Requirement for Data Access Service for mizedProduct Q66 DataAccessMethodDyna 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 Visualization Q66 DataAccessMethodMash String 16 Requirement for Data Access Service for Visualization Q7_IT_DataType String 12 Inland Topo, Requirement for Data Type Q7_IT_ValuesAdopted String 3 Inland Topo, Data Type Values from Business Use Averages Q11_IT_GeographicRegionTy String G7 Inland Topo, Area of Interest Region Type Q11_IT_GeographicRegionAr String 4158 Inland Topo, Area of Interest Area Description Q12_IT_HorizontalError String Z0 Inland Topo, Acceptable Horizontal Error Q13_IT_VerticalError String 352 Inland Topo, Distance Down the Beach Profile Q15a_IT_CrossSectionsTrans String String Topo, Cross Sections or Transects Meet Needs Q15b_IT_CrossSectionsTrans String G34 Inland Topo, Description of Cross Sections/Transects Needed Q15c_IT_UpdateFrequency String 341 Inland Topo, Quality Level Q16_IT_UpdateFrequency String 341 Inland Topo, Variability Across Area of Interest Q18_IT_HydroProcessingEnf String 16 Inland Topo, Processing, Hydrologic Enforcement Q18_IT_HydroProcessingCon String Inland Topo, Processing, Hydrologic Enforcement Q18_IT_HydroProcessingNoT String 16 Inland Topo, Processing, No Hydrologic Q18_IT_HydroProcessingNoT String Use Us | | String | 16 | • |
| mizedProduct Q66_DataAccessMethodDyna micGIS Q66_DataAccessMethodVisua lize Q66_DataAccessMethodVisua lize Q66_DataAccessMethodVisua lize Q66_DataAccessMethodWisua lize Q66_DataAccessMethodMash Up Q7_IT_DataType String Q7_IT_DataType String Q7_IT_DataType String Q7_IT_DataType Q11_IT_GeographicRegionTy Q12_IT_GeographicRegionAr ea Q12_IT_HorizontalError Q13_IT_VerticalError Q14_IT_BeachProfileDistance Q15_IT_CrossSectionsTrans ectsMeetNeeds Q15_IT_CrossSectionsTrans ectsRequirements Q15_IT_QualityLevel Q16_IT_UpdateFrequency Q16_IT_UpdateFrequency String Q16_IT_UpdateEvent Q17_IT_GeographicRequirem entVariability Q18_IT_HydroProcessingFlatt entVariability Q18_IT_HydroProcessingCon q18_IT_HydroProcessingCon q18_IT_HydroProcessingNot Q18 | ` - | String | 10 | * |
| Requirement for Data Access Service for Dynamic Use with Client-based Software | Q66 DataAccessMethodCusto | String | 16 | Requirement for Data Access Service for |
| micGIS Q66 DataAccessMethodVisua lize Q66 DataAccessMethodMash Up Q7_IT_DataType Q7_IT_DataType Q7_IT_DataType Q7_IT_ValuesAdopted Q7_IT_GeographicRegionTy String Q11_IT_GeographicRegionAr cases String Q11_IT_GeographicRegionAr cases Q12_IT_GeographicRegionAr cases Q13_IT_CrossSectionsTrans cases Q13_IT_CrossSectionsTrans cases Q13_IT_CrossSectionsTrans cases Q15_IT_CrossSectionsTrans cases Q15_IT_CrossSectionsTrans cases Q15_IT_CrossSectionsTrans cases Q15_IT_GeographicRegionAr cases Q15_IT_GeographicRegionAr cases Q16_IT_UpdateFrequency cases Q16_IT_UpdateFrequen | mizedProduct | | | Customized Products |
| Requirement for Data Access Service for Visualization String 16 Requirement for Data Access Service for Visualization Requirement for Data Access Service for Visualization Requirement for Data Access Service for Mashups Requirement for Data Access Service for Mashups Q7_IT_DataType String 12 Inland Topo, Requirement for Data Type Requirement for Data Type Inland Topo, Data Type Values from Business Use Averages Use Averages Use Averages Use Averages Inland Topo, Area of Interest Region Type Requirement for Data Type Values from Business Use Averages Use Averages Use Averages Use Averages Inland Topo, Area of Interest Region Type Requirement for Data Access Service for Mashups Use Averages Use | Q66 DataAccessMethodDyna | String | 16 | Requirement for Data Access Service for |
| Lize | micGIS | | | Dynamic Use with Client-based Software |
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| entVariability Q18_IT_HydroProcessingFlatt String ening Q18_IT_HydroProcessingEnf orcement Q18_IT_HydroProcessingCon ditioning Q18_IT_HydroProcessingCon String Q18_IT_HydroProcessingNoT String Q18_IT_Hydr | Q16_IT_UpdateEvent | String | 341 | Inland Topo, Events Triggering Collection |
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| Q18_IT_HydroProcessingNoT String 16 Inland Topo, Processing, No Hydrologic | ` • | | | |
| | | String | 16 | - C |
| | reatment | 3 | | 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 |
| M | | | 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 |
| | | | Product |
| Q20_IT_DataProductDTM | String | 16 | Inland Topo, Requirement for DTM as a 3D |
| | | | Product |
| Q20_IT_DataProductDEM | String | 16 | Inland Topo, Requirement for DEM as a 3D |
| | | | Product |
| Q20_IT_DataProductRawPoin | String | 16 | Inland Topo, Requirement for Raw Point Cloud |
| tCloud | | | as a 3D Product |
| Q20_IT_DataProductClassifie | String | 16 | Inland Topo, Requirement for Classified Point |
| dPointCloud | | | Cloud as a 3D Product |
| Q20_IT_DataProductFullWav | String | 16 | Inland Topo, Requirement for Full Waveform as |
| eform | | | 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 | | | Hydro-enforecement as a 3D Product |
| Q20_IT_DataProductIntensity | String | 16 | Inland Topo, Requirement for Intensity Imagery |
| Imagery | | | as a 3D Product |
| Q20_IT_DataProductGroundC | String | 16 | Inland Topo, Requirement for Ground Control |
| ontrolTruthing | | | Truthing as a 3D Product |
| Q20_IT_DataProductOtherRe | String | 16 | Inland Topo, Requirement for Other 3D |
| q | | | Product(s), Respondent Defined |
| Q20_IT_DataProductOtherDe | String | 203 | Inland Topo, Description of Other 3D Product(s) |
| sc | | | Needed, Respondent Defined |
| Q21_IT_IntegrationAerialIma | String | 16 | Inland Topo, Requirement for Integration with |
| gery | | | Aerial Imagery |

| 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 ions | 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_DerivativesHydrologicFlowDirection | String | 3 | Inland Topo, Need for 3D Derivative 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 |
| | J | | 1 / |
| Q63_IT_DerivativesOther | String | 80 | Inland Topo, Description of Other 3D |
| | | | Derivative Needed, Respondent Defined |
| Q22a_IT_DataUsedDesc | String | 3329 | Inland Topo, Description of Current Datasets |
| | | | Used |
| Q22b_IT_DataUsedNational | String | 3 | Inland Topo, Respondent Currently Uses Data |
| Map | | | from National Map |
| Q22b_IT_DataUsedDigitalCo | String | 3 | Inland Topo, Respondent Currently Uses Data |
| ast | | | from Digital Coast |
| Q22b_IT_DataUsedNCEI | String | 3 | Inland Topo, Respondent Currently Uses Data |
| | | | 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 | | | Data, Operational Benefits, Performance |
| Q22c_IT_CurrentBenefitsCust | String | 12 | Inland Topo, Current Benefits from Elevation |
| SvcValueAdded | | | Data, Customer Service Benefits, Value Added |
| Q22c_IT_CurrentBenefitsCust | String | 12 | Inland Topo, Current Benefits from Elevation |
| SvcTimeliness | | | Data, Customer Service Benefits, Timeliness |

| Q22c_IT_CurrentBenefitsCust | String | 12 | Inland Topo, Current Benefits from Elevation |
|------------------------------|--------|-----|---|
| SvcExperience | | | Data, Customer Service Benefits, Experience |
| Q22c_IT_CurrentBenefitsSoci | String | 12 | Inland Topo, Current Benefits from Elevation |
| etalEducationOutreach | | | Data, Societal Benefits, Education/Outreach |
| Q22c_IT_CurrentBenefitsSoci | String | 12 | Inland Topo, Current Benefits from Elevation |
| etalEnvironmental | | | Data, Societal Benefits, Environmental |
| Q22c_IT_CurrentBenefitsSoci | String | 12 | Inland Topo, Current Benefits from Elevation |
| etalPublicSafety | | | 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 | | | Data that Meets Requirements, Operational |
| n | | | Benefits, Time Savings, Field Visits, |
| | | | Description |
| Q23a2 IT FutBenOperational | String | 12 | Inland Topo, Future Benefits from Elevation |
| TimeSaveProceduresQualitati | 8 | | Data that Meets Requirements, Operational |
| ve | | | Benefits, Time Savings, Procedures, Qualitative |
| | | | Benefits |
| Q23a2 IT FutBenOperational | String | 28 | Inland Topo, Future Benefits from Elevation |
| TimeSaveProceduresUnits | 8 | | Data that Meets Requirements, Operational |
| | | | Benefits, Time Savings, Procedures, |
| | | | 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 |
| | | | Qualitatitive Delicities |

| 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 | String | 278 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational |
|--|--------|-----|---|
| n | | | Benefits, Time Savings, Data Error, Description |
| Q23a5 IT FutBenOperational | String | 12 | Inland Topo, Future Benefits from Elevation |
| TimeSaveInOfficeQualitative | | | Data that Meets Requirements, Operational |
| | | | Benefits, Time Savings, In-office Planning and |
| | | | Monitoring, Qualitative Benefits |
| Q23a5_IT_FutBenOperational | String | 28 | Inland Topo, Future Benefits from Elevation |
| TimeSaveInOfficeUnits | | | Data that Meets Requirements, Operational |
| | | | Benefits, Time Savings, In-office Planning and |
| | | | Monitoring, Quantitative Benefits Units |
| Q23a5_IT_FutBenOperational | Double | 8 | Inland Topo, Future Benefits from Elevation |
| TimeSaveInOfficeQuantitative | | | Data that Meets Requirements, Operational |
| Min | | | Benefits, Time Savings, In-office Planning and |
| | | | Monitoring, Minimum Quantitative Benefits |
| Q23a5 IT FutBenOperational | Double | 8 | Inland Topo, Future Benefits from Elevation |
| TimeSaveInOfficeQuantitative | | | Data that Meets Requirements, Operational |
| Max | | | Benefits, Time Savings, In-office Planning and |
| | | | Monitoring, Maximum Quantitative Benefits |
| Q23a5 IT FutBenOperational | String | 331 | Inland Topo, Future Benefits from Elevation |
| TimeSaveInOfficeDescription | | | Data that Meets Requirements, Operational |
| ^ | | | Benefits, Time Savings, In-office Planning and |
| | | | Monitoring, Description |
| Q23a6 IT FutBenOperational | String | 12 | Inland Topo, Future Benefits from Elevation |
| TimeSaveStreamlineQualitativ | | | Data that Meets Requirements, Operational |
| e | | | Benefits, Time Savings, Streamlined Operations, |
| | | | Qualitative Benefits |
| Q23a6_IT_FutBenOperational | String | 28 | Inland Topo, Future Benefits from Elevation |
| TimeSaveStreamlineUnits | | | Data that Meets Requirements, Operational |
| | | | Benefits, Time Savings, Streamlined Operations, |
| | | | Quantitative Benefits Units |
| Q23a6_IT_FutBenOperational | Double | 8 | Inland Topo, Future Benefits from Elevation |
| TimeSaveStreamlineQuantitati | | | Data that Meets Requirements, Operational |
| veMin | | | Benefits, Time Savings, Streamlined Operations, |
| | | | Minimum Quantitative Benefits |
| Q23a6_IT_FutBenOperational | Double | 8 | Inland Topo, Future Benefits from Elevation |
| TimeSaveStreamlineQuantitati | | | Data that Meets Requirements, Operational |
| veMax | | | Benefits, Time Savings, Streamlined Operations, |
| | | | Maximum Quantitative Benefits |
| Q23a6_IT_FutBenOperational | String | 300 | Inland Topo, Future Benefits from Elevation |
| TimeSaveStreamlineDescripti | | | Data that Meets Requirements, Operational |
| on | | | 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 | - | 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 | | 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 Min | Double | 8 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational 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 Products/Services/Applications, Description |
| Q23d4_IT_FutBenOperational RevenueOtherQualitative | String | 8 | 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 OtherQuantitativeMin | Double | 8 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Minimum Quantitative Benefits, Respondent Defined |
|--|--------|-----|---|
| Q23f1_IT_FutBenOperational OtherQuantitativeMax | Double | 8 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Maximum Quantitative Benefits, Respondent Defined |
| Q23f1_IT_FutBenOperational OtherDescription | String | 492 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Description, Respondent Defined |
| Q23_IT_FutBenOperationalPo tentialUnits | String | 14 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Quantitative Benefits Units |
| Q23_IT_FutBenOperationalPotentialQuantitativeMin | Double | 8 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Minimum Quantitative Benefits |
| Q23_IT_FutBenOperationalPo tentialQuantitativeMax | Double | 8 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Maximum Quantitative Benefits |
| Q23_IT_FutBenOperationalPotentialDescription | String | 255 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Potential Benefits, Description |
| Q23g1_IT_FutBenCustSvcValueAddedProductsQualitative | String | 12 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Qualitative Benefits |
| Q23g1_IT_FutBenCustSvcValueAddedProductsUnits | String | 28 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, New Products/Services/Applications, Quantitative Benefits Units |
| Q23g1_IT_FutBenCustSvcValueAddedProductsQuantitative | Double | 8 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer 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_FutBenCustSvcValueAddedAccuracyUnits | String | 28 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Quantitative Benefits Units |
| Q23g2_IT_FutBenCustSvcValueAddedAccuracyQuantitative | Double | 8 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Minimum Quantitative Benefits |
| Q23g2_IT_FutBenCustSvcValueAddedAccuracyQuantitative | Double | 8 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Maximum Quantitative Benefits |
| Q23g2_IT_FutBenCustSvcValueAddedAccuracyDescription | 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_FutBenCustSvcValueAddedOtherUnits | String | 28 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Quantitative Benefits Units, Respondent Defined |
| Q23g3_IT_FutBenCustSvcValueAddedOtherQuantitativeMin | 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 ueAddedOtherQuantitativeMa x | Double | 8 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Maximum Quantitative Benefits, Respondent Defined |
|---|--------|-----|---|
| Q23g3_IT_FutBenCustSvcValueAddedOtherDescription | String | 387 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Description, Respondent Defined |
| Q23h1_IT_FutBenCustSvcTi melinessReviewsQualitative | String | 12 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Qualitative Benefits |
| Q23h1_IT_FutBenCustSvcTi melinessReviewsUnits | String | 28 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Quantitative Benefits Units |
| Q23h1_IT_FutBenCustSvcTi melinessReviewsQuantitative Min | Double | 8 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Minimum Quantitative Benefits |
| Q23h1_IT_FutBenCustSvcTi melinessReviewsQuantitative Max Q23h1_IT_FutBenCustSvcTi melinessReviewsDescription | Double | 363 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Maximum Quantitative Benefits Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Description |
| Q23h2_IT_FutBenCustSvcTi melinessIncidentQualitative | String | 12 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Qualitative Benefits |
| Q23h2_IT_FutBenCustSvcTi melinessIncidentUnits | String | 28 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Quantitative Benefits Units |
| Q23h2_IT_FutBenCustSvcTi melinessIncidentQuantitative Min | Double | 8 | Inland Topo, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Response to Incidents or Events, Minimum Quantitative Benefits |

| 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 | 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 leChannels | String | 16 | Inland Bathy, Requirement for U.S. Army Corps of Engineers Maintained Navigable Channels |
| Q25a_IB_FeatureSizeRiverUn der10ft | String | 16 | Inland Bathy, Requirement for Streams/Rivers 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 o100ft | String | 16 | Inland Bathy, Requirement for Streams/Rivers Between 51 and 100 Feet Across |
| Q25a_IB_FeatureSizeRiver10 1to500ft | String | 16 | Inland Bathy, Requirement for Streams/Rivers Between 101 and 500 Feet Across |
| Q25a_IB_FeatureSizeRiver50 1to2500ft | String | 16 | Inland Bathy, Requirement for Streams/Rivers Between 501 and 2,500 Feet Across |
| Q25a_IB_FeatureSizeRiverOv er2500ft | String | 16 | Inland Bathy, Requirement for Streams/Rivers Over 2,500 Feet Across |
| Q25b_IB_FeatureSizeRiverOt herReq | String | 16 | Inland Bathy, Requirement for Streams/Rivers of Other Widths or Types, Respondent Defined |
| Q25b_IB_FeatureSizeRiverOt | String | 52 | Inland Bathy, Description of Stream/River |
| herDesc Q25a IB FeatureSizeWaterbo | String | 16 | Widths or Types, Respondent Defined Inland Bathy, Requirement for Waterbody |
| dyUnder0_5acre Q25a IB FeatureSizeWaterbo | String | 16 | Features Under 0.5 Acres Inland Bathy, Requirement for Waterbody |
| dy0_5to1acre | _ | | Features Between 0.5 and 1 Acre |
| Q25a_IB_FeatureSizeWaterbo dy1 1to2acre | String | 16 | Inland Bathy, Requirement for Waterbody 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 |

| Q25a_IB_FeatureSizeWaterbo dy5 1to10acre | String | 16 | Inland Bathy, Requirement for Waterbody Features Between 5.1 and 10 Acres |
|---|---------|-----|---|
| Q25a IB FeatureSizeWaterbo | Stain a | 16 | |
| | String | 10 | Inland Bathy, Requirement for Waterbody |
| dyOver10acre | G. : | 1.6 | 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 | S | | Seamlessness, Respondent Defined |
| Q30a IB SeamlessSpatialPoi | String | 16 | Inland Bathy, Requirement for Spatial |
| ntCloud | Zumg | | Seamlessness in Point Cloud Data |
| Q30a IB SeamlessSpatialDE | String | 16 | Inland Bathy, Requirement for Spatial |
| M | Sumg | 10 | Seamlessness in DEM |
| Q30a IB SeamlessSpatialOth | String | 16 | Inland Bathy, Requirement for Other Spatial |
| erReq | 8 | | Seamlessness, Respondent Defined |
| Q30a IB SeamlessSpatialOth | String | 51 | Inland Bathy, Description of Other Spatial |
| erDesc | 8 | | Seamlessness, Respondent Defined |
| Q30b IB SeamlessAcceptabl | String | 153 | Inland Bathy, Acceptable Vertical Manipulation |
| eVerticalManip | Sumg | 155 | to Create Seamlessness |
| Q31a IB SeamlessInterIntegr | String | 16 | Inland Bathy, Inland Topo, Requirement for |
| ation | String | 10 | Seamlessness Between Inland Topo and Inland |
| ation | | | Bathy |
| O21h ID CoomlossInterTown | String | 16 | Inland Bathy, Inland Topo, Requirement for |
| Q31b_IB_SeamlessInterTemp | String | 10 | |
| oralSeason | | | Seamlessness Between Inland Topo and Inland |
| | G. : | 1.6 | Bathy, Seasonal |
| Q31b_IB_SeamlessInterTemp | String | 16 | Inland Bathy, Inland Topo, Requirement for |
| oralEnvironmental | | | Seamlessness Between Inland Topo and Inland |
| | | | Bathy, Environmental |
| Q31b_IB_SeamlessInterTemp | String | 16 | Inland Bathy, Inland Topo, Temporal |
| oralOtherReq | | | Seamlessness Between Inland Topo and Inland |
| | | | Bathy, Respondent Defined |
| Q31b_IB_SeamlessInterTemp | String | 204 | Inland Bathy, Inland Topo, Temporal |
| oralOtherDesc | | | Seamlessness Between Inland Topo and Inland |
| | | | Bathy, Respondent Defined |

| Q31b_IB_SeamlessInterSpatia lPointCloud | String | 16 | Inland Bathy, Inland Topo, Requirement for Spatial Seamlessness Between Inland Topo and Inland Bathy, Point Cloud |
|---|--------|-----|---|
| Q31b_IB_SeamlessInterSpatia lDEM | String | 16 | Inland Bathy, Inland Topo, Requirement for Spatial Seamlessness Between Inland Topo and Inland Bathy, DEM |
| Q31b_IB_SeamlessInterSpatia lOtherReq | String | 16 | Inland Bathy, Inland Topo, Spatial Seamlessness Between Inland Topo and Inland Bathy, Respondent Defined |
| Q31b_IB_SeamlessInterSpatia lOtherDesc | String | 43 | Inland Bathy, Inland Topo, Spatial Seamlessness Between Inland Topo and Inland Bathy, Respondent Defined |
| Q31c_IB_SeamlessInterAccep tableVerticalManip | String | 153 | Inland Bathy, Inland Topo, Seamlessness 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 Product |
| Q32_IB_DataProductRawPoin tCloud | String | 16 | Inland Bathy, Requirement for Raw Point Cloud as a 3D Product |
| Q32_IB_DataProductClassifie dPointCloud | String | 16 | Inland Bathy, Requirement for Classified Point Cloud as a 3D Product |
| Q32_IB_DataProductCubeXY Z | String | 16 | Inland Bathy, Requirement for Cube X,Y,Z as a 3D Product |
| Q32_IB_DataProductFullWav eform | String | 16 | Inland Bathy, Requirement for Full Waveform as a 3D Product |
| Q32_IB_DataProductBAG | String | 16 | Inland Bathy, Requirement for BAG as a 3D Product |
| Q32_IB_DataProductBreaklin esHydroflattening | String | 16 | Inland Bathy, Requirement for Breaklines for Hydro-flattening as a 3D Product |
| Q32_IB_DataProductIntensity Imagery | String | 16 | Inland Bathy, Requirement for Intensity Imagery as a 3D Product |
| Q32_IB_DataProductGround ControlTruthing | String | 16 | Inland Bathy, Requirement for Ground Control Truthing as a 3D Product |
| Q32_IB_DataProductOtherRe | String | 8 | Inland Bathy, Requirement for Other 3D Product(s), Respondent Defined |
| Q32_IB_DataProductOtherDe sc | String | 32 | Inland Bathy, Description of Other 3D Product(s) Needed, Respondent Defined |
| Q33_IB_IntegrationAerialIma gery | String | 16 | Inland Bathy, Requirement for Integration with 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 over | String | 16 | Inland Bathy, Requirement for Integration with Land Use Land Cover Data |
| Q33_IB_IntegrationWetlands | String | 16 | Inland Bathy, Requirement for Integration with Wetlands Data |
| Q33_IB_IntegrationSurfaceW ater | String | 16 | Inland Bathy, Requirement for Integration with Surface Water Data |
| Q33_IB_IntegrationBridgesCu lverts | String | 16 | Inland Bathy, Requirement for Integration with Bridges/Culverts Data |
| Q33_IB_IntegrationLandmark | String | 16 | Inland Bathy, Requirement for Integration with Landmarks Data |
| Q33_IB_IntegrationCulturalR | String | 16 | Inland Bathy, Requirement for Integration with |
| Q33_IB_IntegrationCoastalStr | String | 16 | Cultural Resources Data Inland Bathy, Requirement for Integration with Coastal Structures Data |
| Q33_IB_IntegrationOtherReq | String | 16 | Inland Bathy, Requirement for Integration with |
| Q33_IB_IntegrationOtherDesc | String | 8 | Other Data, Respondent Defined Inland Bathy, Description of Other Data for |
| Q63_IB_DerivativesTIN | String | 3 | Integration, Respondent Defined 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 Hillshades |
| Q63_IB_DerivativesSlopeMa | String | 3 | Inland Bathy, Need for 3D Derivative Slope Map |
| Q63_IB_DerivativesAspectM ap | String | 3 | Inland Bathy, Need for 3D Derivative Aspect Map |
| Q63_IB_DerivativesCurvature Map | String | 3 | Inland Bathy, Need for 3D Derivative Curvature Map |
| Q63_IB_DerivativesCrossSect ions | String | 3 | Inland Bathy, Need for 3D Derivative Cross Sections |
| Q63_IB_DerivativesHeightAb oveGroundMap | String | 3 | Inland Bathy, Need for 3D Derivative Height- above-ground Map |
| Q63_IB_DerivativesViewshed | String | 3 | Inland Bathy, Need for 3D Derivative Viewshed |
| Map Q63_IB_DerivativesHydrolog | String | 3 | Map Inland Bathy, Need for 3D Derivative |
| icFlowDirection Q63_IB_DerivativesHydrolog | String | 3 | Hydrologic Flow Direction Inland Bathy, Need for 3D Derivative |
| icFlowAccumulation Q63_IB_DerivativesHydrolog | String | 3 | Hydrologic Flow Accumulation Inland Bathy, Need for 3D Derivative |
| icNetworks | | | Hydrologic Networks |

| Q63_IB_DerivativesBuilding optimits String of String objectives String of String | Q63_IB_DerivativesHydrolog icUnits | String | 3 | Inland Bathy, Need for 3D Derivative Hydrologic Units |
|--|------------------------------------|--------|------|---|
| Ootprints Q63 B DerivativesBreakline Footprints Footprints Footprints Footprints Footprints Footprints Footprints Footprints Inland Bathy, Need for 3D Derivative Breaklines for Road Edge-of-pavement G63 B DerivativesOther String G63 B DerivativesOther String G74a B DataUsedDesc String G74b B DataUsedDigitalCo ast G74b B DataUsedNocEl String G74b B DataUsedNauticalC Footprints Inland Bathy, Need for 3D Derivative Rugosity Inland Bathy, Description of Other 3D Derivative Needed, Respondent Defined Inland Bathy, Description of Current Datasets Used G74b B DataUsedNocEl String G74b B DataUsedNauticalC Form Nocel Form Nocel Inland Bathy, Respondent Currently Uses Data Form Nocel Inland Bathy, Respondent Currently Uses Data Form Nautical Charts G74b B DataUsedNavigatio Form Navigation Charts G74b B DataUsedInlandWat Form Navigation Charts G74b B DataUsedInlandWat Form Navigation Charts G74b B DataUsedNotAvaila Form Navigation Charts G74b B DataUsedNotAvaila Form Navigation Charts Form Inland Bathy, Respondent Currently Uses Data Form Inland Waters Server G74b B DataUsedNotAvaila Form Nocel G74b B DataUsedNotAvaila Form Nocel Form No | | String | 3 | · |
| Q63_IB_DerivativesBreakline String | | String | | |
| SFORROAdEdge Breaklines for Road Edge-of-pavement | | String | 2 | - |
| 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_DataUsedDigitaICo ast String 3 Inland Bathy, Respondent Currently Uses Data from Digital Coast Q34b_IB_DataUsedNeel String 3 Inland Bathy, Respondent Currently Uses Data from NCEI Q34b_IB_DataUsedNavigatio nCharts String 3 Inland Bathy, Respondent Currently Uses Data from Navigation Charts Q34b_IB_DataUsedInlandWat erserserver String 3 Inland Bathy, Respondent Currently Uses Data from Inland Waters Server Q34b_IB_DataUsedNotAvaila series String 3 Inland Bathy, Respondent Currently Uses Data from UsGS Data Series Q34b_IB_DataUsedNotAvaila ble String 3 Inland Bathy, Data Available Does Not Meet Respondent's Needs Q34b_IB_DataUsedOther String 3 Inland Bathy, Description of Data Currently Used from State Respositories Q34b_IB_DataUsedOther String 31 Inland Bathy, Description of Data Currently Used from State Re | | Sumg | 3 | • |
| String 38 | | Ctring | 2 | 0 1 |
| Derivative Needed, Respondent Defined Q34a_IB_DataUsedDesc String Q34b_IB_DataUsedDigitalCo ast Q34b_IB_DataUsedNcEI String 3 | Q05_IB_DelivativesRugosity | Sumg | 3 | illiand Batily, Need for 3D Derivative Rugosity |
| Q34a_BB_DataUsedDesc String String Inland Bathy, Description of Current Datasets Used Used Inland Bathy, Respondent Currently Uses Data from Digital Coast Inland Bathy, Respondent Currently Uses Data from NCEI Gash_BB_DataUsedNauticalC String String Inland Bathy, Respondent Currently Uses Data from NCEI Inland Bathy, Respondent Currently Uses Data from Nautical Charts Inland Bathy, Respondent Currently Uses Data from Nautical Charts Inland Bathy, Respondent Currently Uses Data from Nautical Charts Inland Bathy, Respondent Currently Uses Data from Navigation Charts Inland Bathy, Respondent Currently Uses Data from Navigation Charts Inland Bathy, Respondent Currently Uses Data from Inland Waters Server G34b_IB_DataUsedUsGSData String String Inland Bathy, Respondent Currently Uses Data from USGS Data Series G34b_IB_DataUsedNotAvaila String Inland Bathy, Data Available Does Not Meet Respondent's Needs Inland Bathy, Description of Data Currently Used from State Respositories G34b_IB_DataUsedOther String String String String Inland Bathy, Description of Data Currently Used from Other Respositories, Respondent Defined G34c_IB_CurrentBenefitsOpe rationalCostSavings G34c_IB_CurrentBenefitsOpe rationalCostAvoidance String String Inland Bathy, Current Benefits from Elevation Data, Operational Benefits, Cost Savings Inland Bathy, Current Benefits from Elevation Data, Operational Benefits, Cost Avoidance G34c_IB_CurrentBenefitsOpe rationalPerformance String String Inland Bathy, Current Benefits from Elevation Data, Operational Benefits, Performance G34c_IB_CurrentBenefitsOpe String String Inland Bathy, Current Benefits from Elevation Data, Operational Benefits, Performance G34c_IB_CurrentBenefitsOust String S | Q63_IB_DerivativesOther | String | 38 | Inland Bathy, Description of Other 3D |
| Used Q34b_IB_DataUsedDigitalCo ast Q34b_IB_DataUsedNCEI Q34b_IB_DataUsedNauticalC Q34b_IB_DataUsedNauticalC Q34b_IB_DataUsedNauticalC Q34b_IB_DataUsedNauticalC Q34b_IB_DataUsedNavigatio nCharts Q34b_IB_DataUsedInlandWat ersServer Q34b_IB_DataUsedInlandWat ascries Q34b_IB_DataUsedUsGSDat aScries Q34b_IB_DataUsedNavigatio String Q34b_IB_DataUsedNavigatio nCharts Q34b_IB_DataUsedUsGSDat aScries Q34b_IB_DataUsedNotAvaila ble Q34b_IB_DataUsedStateRepo string Q34b_IB_DataUsedStateRepo String Q34b_IB_DataUsedOther String Q34b_IB_DataUsedOther String Q34b_IB_DataUsedOther String Q34b_IB_DataUsedOther String Q34c_IB_CurrentBenefitsOpe rationalCostSavings Q34c_IB_CurrentBenefitsOpe rationalCostSavings Q34c_IB_CurrentBenefitsOpe rationalCostAvoidance Q34c_IB_CurrentBenefitsOpe rationallncreasedRevenue Q34c_IB_CurrentBenefitsOpe rationallncreasedRevenue Q34c_IB_CurrentBenefitsOpe rationalPerformance Q34c_IB_CurrentBenefitsForm Levation Data, Operational Benefits, Cost Avoidance Q34c_IB_CurrentBenefitsOpe rationalPerformance Q34c_IB_CurrentBenefitsForm Levation Data, Operational Benefits, Cost Avoidance Q34c_IB_CurrentBenefitsOpe rationalPerformance Q34c_IB_CurrentBenefitsForm Data, Operational Benefits, Form Elevation Data, Operational Benefits, Cost Avoidance Q34c_IB_CurrentBenefitsOpe rationalPerformance Q34c_IB_CurrentBenefitsForm Levation Data, Operational Benefits, Form Elevation Data, Operational Benefits, Formance Q34c_IB_CurrentBenefitsOpe rationalPerformance Q34 | | | | Derivative Needed, Respondent Defined |
| Q34b_IB_DataUsedDigitalCo String 3 Inland Bathy, Respondent Currently Uses Data from Digital Coast G34b_IB_DataUsedNauticalC String 3 Inland Bathy, Respondent Currently Uses Data from NCEI G34b_IB_DataUsedNauticalC String 3 Inland Bathy, Respondent Currently Uses Data from Nautical Charts G34b_IB_DataUsedNavigatio String 3 Inland Bathy, Respondent Currently Uses Data from Navigation Charts G34b_IB_DataUsedInlandWat ersServer G34b_IB_DataUsedInlandWat ersServer G34b_IB_DataUsedUSGSDat aSeries 3 Inland Bathy, Respondent Currently Uses Data from USGS Data Series 3 Inland Bathy, Respondent Currently Uses Data from USGS Data Series 3 Inland Bathy, Data Available Does Not Meet Respondent's Needs Respondent's Needs Respondent's Needs G34b_IB_DataUsedOther String 423 Inland Bathy, Description of Data Currently Used from State Respositories G34b_IB_DataUsedOther String 211 Inland Bathy, Description of Data Currently Used from Other Respositories, Respondent Defined G34c_IB_CurrentBenefitsOpe rationalTimeSavings G34c_IB_CurrentBenefitsOpe rationalCostAvoidance String 31 Inland Bathy, Current Benefits from Elevation Data, Operational Benefits, Cost Avoidance G34c_IB_CurrentBenefitsOpe rationalCostAvoidance String 31 Inland Bathy, Current Benefits from Elevation Data, Operational Benefits, Increased Revenue G34c_IB_CurrentBenefitsOpe String 31 Inland Bathy, Current Benefits from Elevation Data, Operational Benefits, Increased Revenue G34c_IB_CurrentBenefitsOpe String 31 Inland Bathy, Current Benefits from Elevation Data, Operational Benefits, Performance G34c_IB_CurrentBenefitsOpe String 31 Inland Bathy, Current Benefits from Elevation Data, Operational Benefits, Performance G34c_IB_CurrentBenefitsOpe String 31 Inland Bathy, Current Benefits from Elevation Data, Operational Benefits, Performance G34c_IB_CurrentBenefitsOpe String 31 Inland Bathy, Current Benefits from Elevation Data, Operational Be | Q34a IB DataUsedDesc | String | 1379 | Inland Bathy, Description of Current Datasets |
| ast Q34b_IB_DataUsedNCEI String Q34b_IB_DataUsedNauticalC Arrivable Q34b_IB_DataUsedNauticalC Arrivable Q34b_IB_DataUsedNauticalC Q34b_IB_DataUsedNavigatio RCharts Q34b_IB_DataUsedNavigatio RCharts Q34b_IB_DataUsedInlandWat RCH Q34b_IB_DataUsedInlandWat RCH Q34b_IB_DataUsedInlandWat RCH Q34b_IB_DataUsedInlandWat RCH Q34b_IB_DataUsedUsGSDat RCH Q34b_IB_DataUsedNotAvaila RCH RCH Q34b_IB_DataUsedNotAvaila RCH | | | | Used |
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| Used from Other Respositories, Respondent Defined Q34c_IB_CurrentBenefitsOpe rationalTimeSavings Q34c_IB_CurrentBenefitsOpe rationalCostSavings Q34c_IB_CurrentBenefitsOpe rationalCostAvoidance Q34c_IB_CurrentBenefitsOpe rationalCostAvoidance Q34c_IB_CurrentBenefitsOpe rationalCostAvoidance Q34c_IB_CurrentBenefitsOpe rationalIncreasedRevenue Q34c_IB_CurrentBenefitsOpe rationalPerformance Q34c_IB_CurrentBenefitsCust String Q31c_IIIIInland Bathy, Current Benefits from Elevation Data, Operational Benefits, Performance Data, Operational Benefits, Performance Q34c_IB_CurrentBenefitsCust | | String | 211 | * |
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| Q34c_IB_CurrentBenefitsOpeString31Inland Bathy, Current Benefits from ElevationrationalCostSavingsData, Operational Benefits, Cost SavingsQ34c_IB_CurrentBenefitsOpeString31Inland Bathy, Current Benefits from ElevationrationalCostAvoidanceData, Operational Benefits, Cost AvoidanceQ34c_IB_CurrentBenefitsOpeString31Inland Bathy, Current Benefits from ElevationrationalIncreasedRevenueData, Operational Benefits, Increased RevenueQ34c_IB_CurrentBenefitsOpeString31Inland Bathy, Current Benefits from ElevationrationalPerformanceData, Operational Benefits, PerformanceQ34c_IB_CurrentBenefitsCustString31Inland Bathy, Current Benefits from Elevation | Q34c IB CurrentBenefitsOpe | String | 31 | Inland Bathy, Current Benefits from Elevation |
| rationalCostSavings Q34c_IB_CurrentBenefitsOpe String rationalCostAvoidance Q34c_IB_CurrentBenefitsOpe String rationalCostAvoidance Q34c_IB_CurrentBenefitsOpe String rationalIncreasedRevenue Q34c_IB_CurrentBenefitsOpe String rationalPerformance Q34c_IB_CurrentBenefitsCust String Q34c_IB_CurrentBenefitsCust | rationalTimeSavings | | | Data, Operational Benefits, Time Savings |
| Q34c_IB_CurrentBenefitsOpeString31Inland Bathy, Current Benefits from ElevationrationalCostAvoidanceData, Operational Benefits, Cost AvoidanceQ34c_IB_CurrentBenefitsOpeString31Inland Bathy, Current Benefits from ElevationrationalIncreasedRevenueData, Operational Benefits, Increased RevenueQ34c_IB_CurrentBenefitsOpeString31Inland Bathy, Current Benefits from ElevationrationalPerformanceData, Operational Benefits, PerformanceQ34c_IB_CurrentBenefitsCustString31Inland Bathy, Current Benefits from Elevation | Q34c IB CurrentBenefitsOpe | String | 31 | Inland Bathy, Current Benefits from Elevation |
| rationalCostAvoidance Q34c_IB_CurrentBenefitsOpe rationalIncreasedRevenue Q34c_IB_CurrentBenefitsOpe String Data, Operational Benefits from Elevation Data, Operational Benefits, Increased Revenue Q34c_IB_CurrentBenefitsOpe rationalPerformance Q34c_IB_CurrentBenefitsCust String String Data, Operational Benefits, Performance Q34c_IB_CurrentBenefitsCust String String Inland Bathy, Current Benefits from Elevation Data, Operational Benefits from Elevation Data, Operational Benefits from Elevation Data, Operational Benefits from Elevation | rationalCostSavings | | | Data, Operational Benefits, Cost Savings |
| rationalCostAvoidance Q34c_IB_CurrentBenefitsOpe rationalIncreasedRevenue Q34c_IB_CurrentBenefitsOpe String Data, Operational Benefits from Elevation Data, Operational Benefits, Increased Revenue Q34c_IB_CurrentBenefitsOpe rationalPerformance Q34c_IB_CurrentBenefitsCust String String Data, Operational Benefits, Performance Q34c_IB_CurrentBenefitsCust String String Inland Bathy, Current Benefits from Elevation Data, Operational Benefits from Elevation Data, Operational Benefits from Elevation Data, Operational Benefits from Elevation | Q34c IB CurrentBenefitsOpe | String | 31 | Inland Bathy, Current Benefits from Elevation |
| Q34c_IB_CurrentBenefitsOpeString31Inland Bathy, Current Benefits from ElevationrationalIncreasedRevenueData, Operational Benefits, Increased RevenueQ34c_IB_CurrentBenefitsOpeString31Inland Bathy, Current Benefits from ElevationrationalPerformanceData, Operational Benefits, PerformanceQ34c_IB_CurrentBenefitsCustString31Inland Bathy, Current Benefits from Elevation | rationalCostAvoidance | | | |
| rationalIncreasedRevenue Q34c_IB_CurrentBenefitsOpe rationalPerformance Q34c_IB_CurrentBenefitsCust String Q34c_IB_CurrentBenefitsCust String Q34c_IB_CurrentBenefitsCust String Data, Operational Benefits, Performance Data, Operational Benefits, Performance Inland Bathy, Current Benefits from Elevation | Q34c_IB_CurrentBenefitsOpe | String | 31 | |
| 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 | | | | |
| rationalPerformance Data, Operational Benefits, Performance Q34c_IB_CurrentBenefitsCust String 31 Inland Bathy, Current Benefits from Elevation | Q34c_IB_CurrentBenefitsOpe | String | 31 | |
| Q34c_IB_CurrentBenefitsCust String 31 Inland Bathy, Current Benefits from Elevation | | | | · · · · · · · · · · · · · · · · · · · |
| | Q34c IB CurrentBenefitsCust | String | 31 | |
| | SvcValueAdded | | | Data, Customer Service Benefits, Value Added |

| Q34c_IB_CurrentBenefitsCust SvcTimeliness | String | 31 | Inland Bathy, Current Benefits from Elevation |
|---|-----------|-----|---|
| Q34c IB CurrentBenefitsCust | String | 31 | Data, Customer Service Benefits, Timeliness Inland Bathy, Current Benefits from Elevation |
| | Sumg | 31 | |
| SvcExperience | C4i | 21 | Data, Customer Service Benefits, Experience |
| Q34c_IB_CurrentBenefitsSoci etalEducationOutreach | String | 31 | Inland Bathy, Current Benefits from Elevation |
| | C4i | 21 | Data, Societal Benefits, Education/Outreach |
| Q34c_IB_CurrentBenefitsSoci | String | 31 | Inland Bathy, Current Benefits from Elevation |
| etalEnvironmental | g. : | 21 | 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 | 200010 | | Data that Meets Requirements, Operational |
| eMax | | | Benefits, Time Savings, Field Visits, Maximum |
| Civian | | | Quantitative Benefits |
| Q35a1_IB_FutBenOperational | String | 346 | Inland Bathy, Future Benefits from Elevation |
| TimeSaveFieldVistDescriptio | String | 310 | Data that Meets Requirements, Operational |
| n | | | Benefits, Time Savings, Field Visits, |
| ii ii | | | Description |
| Q35a2 IB FutBenOperational | String | 12 | Inland Bathy, Future Benefits from Elevation |
| | Sumg | 12 | Data that Meets Requirements, Operational |
| TimeSaveProceduresQualitati | | | 1 ' 1 |
| ve | | | Benefits, Time Savings, Procedures, Qualitative Benefits |
| 025-2 ID ExtD = 0 = +1 | Ctarian - | 20 | |
| Q35a2_IB_FutBenOperational | String | 28 | Inland Bathy, Future Benefits from Elevation |
| TimeSaveProceduresUnits | | | 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 | | 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 |

| Q35c5_IB_FutBenOperational CostAvoidOtherQuantitative | Double | 8 | Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational |
|---|--------|-----|--|
| Max | | | Benefits, Cost Avoidance, Maximum |
| TVIA.X | | | Quantitative Benefits, Respondent Defined |
| Q35c5 IB FutBenOperational | String | 492 | Inland Bathy, Future Benefits from Elevation |
| CostAvoidOtherDescription | String | 102 | Data that Meets Requirements, Operational |
| Cost (voide their escription | | | Benefits, Cost Avoidance, Description, |
| | | | Respondent Defined |
| Q35d1 IB FutBenOperational | String | 12 | Inland Bathy, Future Benefits from Elevation |
| Revenue Yields Qualitative | String | 12 | Data that Meets Requirements, Operational |
| revenue i ieidsQuantative | | | Benefits, Increased Revenue, Harvest/Extraction |
| | | | Yields, Qualitative Benefits |
| Q35d1 IB FutBenOperational | String | 28 | Inland Bathy, Future Benefits from Elevation |
| Revenue Yields Units | String | 20 | Data that Meets Requirements, Operational |
| Revenue Fieldsomts | | | Benefits, Increased Revenue, Harvest/Extraction |
| | | | Yields, Quantitative Benefits Units |
| Q35d1 IB FutBenOperational | Double | 8 | Inland Bathy, Future Benefits from Elevation |
| Revenue Yields Quantitative Mi | Dodoic | O | Data that Meets Requirements, Operational |
| n | | | Benefits, Increased Revenue, Harvest/Extraction |
| 11 | | | Yields, Minimum Quantitative Benefits |
| Q35d1 IB FutBenOperational | Double | 8 | Inland Bathy, Future Benefits from Elevation |
| Revenue Yields Quantitative Ma | Double | O | Data that Meets Requirements, Operational |
| | | | Benefits, Increased Revenue, Harvest/Extraction |
| X | | | Yields, Maximum Quantitative Benefits |
| Q35d1_IB_FutBenOperational | String | 92 | Inland Bathy, Future Benefits from Elevation |
| Revenue Yields Description | String | 92 | Data that Meets Requirements, Operational |
| Revenue i reidsDescription | | | Benefits, Increased Revenue, Harvest/Extraction |
| | | | Yields, Description |
| Q35d2 IB FutBenOperational | String | 12 | Inland Bathy, Future Benefits from Elevation |
| RevenueCargoQualitative | Sumg | 12 | Data that Meets Requirements, Operational |
| RevenueCargoQuantative | | | Benefits, Increased Revenue, Cargo Carrying |
| | | | Capacity, Qualitative Benefits |
| Q35d2 IB FutBenOperational | String | 28 | Inland Bathy, Future Benefits from Elevation |
| RevenueCargoUnits | Sumg | 20 | Data that Meets Requirements, Operational |
| RevenueCargoomis | | | Benefits, Increased Revenue, Cargo Carrying |
| | | | Capacity, Quantitative Benefits Units |
| Q35d2_IB_FutBenOperational | Double | 8 | Inland Bathy, Future Benefits from Elevation |
| | Double | O | Data that Meets Requirements, Operational |
| RevenueCargoQuantitativeMi | | | Benefits, Increased Revenue, Cargo Carrying |
| n | | | Capacity, Minimum Quantitative Benefits |
| Q35d2 IB FutBenOperational | Double | 8 | Inland Bathy, Future Benefits from Elevation |
| RevenueCargoQuantitativeMa | Double | O | Data that Meets Requirements, Operational |
| | | | Benefits, Increased Revenue, Cargo Carrying |
| X | | | |
| | | | Capacity, Maximum Quantitative Benefits |

| Q35d2_IB_FutBenOperational RevenueCargoDescription | String | 544 | Inland Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Description |
|--|--------|-----|---|
| Q35d3_IB_FutBenOperational RevenueProductsQualitative | String | 12 | 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 | C | 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 | C | 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 |
| Q35f1_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 erDescription | String | 205 | Inland Bathy, Future Benefits from Elevation 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 rea | String | 638 | Nearshore Bathy, Area of Interest Area 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 Profile |
| Q40a_NB_CrossSectionsTran sectsMeetNeeds | String | 7 | Nearshore Bathy, Cross Sections or Transects Meet Needs |
| Q40b_NB_CrossSectionsTran sectsRequirements | String | 582 | Nearshore Bathy, Description of Cross 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 mentVariability | String | 290 | Nearshore Bathy, Variability Across Area of Interest |
| Q43_NB_TideCorrection | String | 207 | Nearshore Bathy, Requirement for Tide Correction |
| Q44a_NB_SeamlessTemporal Season | String | 16 | Nearshore Bathy, Requirement for Temporal Seamlessness, Seasonal |
| Q44a_NB_SeamlessTemporal Environmental | String | 16 | Nearshore Bathy, Requirement for Temporal 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 | Gt ; | 1.6 | Temporal Seamlessness, Respondent Defined |
| Q44a_NB_SeamlessSpatialPoi | String | 16 | Nearshore Bathy, Requirement for Spatial |
| ntCloud | Ctuir- | 16 | Seamlessness in Point Cloud Data |
| Q44a_NB_SeamlessSpatialDE | String | 16 | Nearshore Bathy, Requirement for Spatial Seamlessness in DEM |
| M | | | Seamiessness in Delvi |

| Q44a NB SeamlessSpatialOt | String | 16 | Nearshore Bathy, Requirement for Other Spatial |
|----------------------------|--------|------|--|
| herReq | String | 10 | Seamlessness, Respondent Defined |
| Q44a NB SeamlessSpatialOt | String | 255 | Nearshore Bathy, Description of Other Spatial |
| herDesc | Sumg | 233 | Seamlessness, Respondent Defined |
| Q44b NB SeamlessAcceptabl | String | 302 | Nearshore Bathy, Acceptable Vertical |
| eVerticalManip | Sumg | 302 | Manipulation to Create Seamlessness |
| Q61a NB SeamlessInterTem | String | 16 | Nearshore Bathy, Inland Topo, Inland Bathy, |
| poralSeason | Sumg | 10 | Offshore Bathy, Temporal Seamlessness |
| poraiseason | | | Between Nearshore and Other Data Types, |
| | | | Seasonal |
| Q61a NB SeamlessInterTem | String | 16 | Nearshore Bathy, Inland Topo, Inland Bathy, |
| poralEnvironmental | String | 10 | Offshore Bathy, Temporal Seamlessness |
| porarenvironmentar | | | Between Nearshore and Other Data Types, |
| | | | Environmental |
| Q61a NB SeamlessInterTem | String | 16 | Nearshore Bathy, Inland Topo, Inland Bathy, |
| poralOtherReq | Sumg | 10 | Offshore Bathy, Temporal Seamlessness |
| porarouncinceq | | | Between Nearshore and Other Data Types, |
| | | | Respondent Defined |
| Q61a NB SeamlessInterTem | String | 264 | Nearshore Bathy, Inland Topo, Inland Bathy, |
| · – – | String | 204 | |
| poralOtherDesc | | | Offshore Bathy, Temporal Seamlessness |
| | | | Between Nearshore and Other Data Types, |
| O(1 ND C 1 L C 1 | Gr . | 1.6 | Respondent Defined |
| Q61a_NB_SeamlessInterSpati | String | 16 | Nearshore Bathy, Inland Topo, Inland Bathy, |
| alPointCloud | | | Offshore Bathy, Spatial Seamlessness Between |
| O(1 ND G 1 L G 4 | Gr. | 1.6 | Nearshore and Other Data Types, Point Cloud |
| Q61a_NB_SeamlessInterSpati | String | 16 | Nearshore Bathy, Inland Topo, Inland Bathy, |
| alDEM | | | Offshore Bathy, Spatial Seamlessness Between |
| | G. : | 1.6 | Nearshore and Other Data Types, DEM |
| Q61a_NB_SeamlessInterSpati | String | 16 | Nearshore Bathy, Inland Topo, Inland Bathy, |
| alOtherReq | | | Offshore Bathy, Spatial Seamlessness Between |
| | | | Nearshore and Other Data Types, Respondent |
| | g. : | 212 | Defined Defined |
| Q61a_NB_SeamlessInterSpati | String | 212 | Nearshore Bathy, Inland Topo, Inland Bathy, |
| alOtherDesc | | | Offshore Bathy, Spatial Seamlessness Between |
| | | | Nearshore and Other Data Types, Description, |
| | a . | 4.55 | Respondent Defined |
| Q61b_NB_SeamlessInterAcce | String | 153 | Nearshore Bathy, Inland Topo, Inland Bathy, |
| ptableVerticalManip | | | Offshore Bathy, Acceptable Vertical |
| | | | Manipulation to Create Seamlessness Between |
| | | | Nearshore and Other Data Types |
| Q45_NB_DataProductDSM | String | 16 | Nearshore Bathy, Requirement for DSM as a 3D |
| | | | Product |
| Q45_NB_DataProductDTM | String | 16 | Nearshore Bathy, Requirement for DTM as a 3D |
| | | | Product |

| Q45_NB_DataProductDEM | String | 16 | Nearshore Bathy, Requirement for DEM as a 3D Product |
|---|-----------|-----|--|
| Q45_NB_DataProductRawPoi | String | 16 | Nearshore Bathy, Requirement for Raw Point |
| ntCloud | | | 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 | 8 | | 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 | z u i i g | | Control Truthing as a 3D Product |
| Q45_NB_DataProductOtherR | String | 16 | Nearshore Bathy, Requirement for Other 3D |
| eq eq | Sums | | Product(s), Respondent Defined |
| Q45 NB DataProductOtherD | String | 133 | Nearshore Bathy, Description of Other 3D |
| esc | z iiiig | 100 | Product(s) Needed, Respondent Defined |
| Q46 NB IntegrationHydroSu | String | 16 | Nearshore Bathy, Requirement for Integration |
| rveyData | z iiiig | | with Hydrographic Survey Data |
| Q46 NB IntegrationNautical | String | 16 | Nearshore Bathy, Requirement for Integration |
| Charts | Sums | | with Nautical Charts |
| Q46_NB_IntegrationAcousticI | String | 16 | Nearshore Bathy, Requirement for Integration |
| magery | z iiiig | | with Acoustic Imagery |
| Q46 NB IntegrationAerialIm | String | 16 | Nearshore Bathy, Requirement for Integration |
| agery | Sums | | with Aerial Imagery |
| Q46 NB IntegrationUnderwa | String | 16 | Nearshore Bathy, Requirement for Integration |
| terVideography | Zumg | | with Underwater Videography |
| Q46_NB_IntegrationBottomT | String | 16 | Nearshore Bathy, Requirement for Integration |
| exture | 38 | | with Bottom Texture Data |
| Q46 NB IntegrationBottomT | String | 16 | Nearshore Bathy, Requirement for Integration |
| ype | 8 | | with Bottom Type Data |
| Q46 NB IntegrationSubmerg | String | 16 | Nearshore Bathy, Requirement for Integration |
| edFeatures | 38 | | with Submerged Features Data |
| Q46 NB IntegrationSubbotto | String | 16 | Nearshore Bathy, Requirement for Integration |
| mCharacteristics | Zumg | | with Subbottom Characteristics Data |
| menaraciensies | <u> </u> | | with Substituti Characteristics Data |

| Q46_NB_IntegrationGeology | String | 16 | Nearshore Bathy, Requirement for Integration with Geologic and Seismic Data |
|---------------------------------|---------|-----|---|
| O46 ND IntegrationWaterCal | Ctuin a | 16 | |
| Q46_NB_IntegrationWaterCol | String | 10 | Nearshore Bathy, Requirement for Integration |
| umnPhysical | Ct.i | 1.6 | with Physical Water Column Properties Data |
| Q46_NB_IntegrationWaterCol | String | 16 | Nearshore Bathy, Requirement for Integration |
| umnChemical | G. · | 1.6 | with Chemical Water Column Properties Data |
| Q46_NB_IntegrationWaterCol | String | 16 | Nearshore Bathy, Requirement for Integration |
| umnBiological | ~ . | 4.5 | with Biological Water Column Properties Data |
| Q46_NB_IntegrationCurrents | String | 16 | Nearshore Bathy, Requirement for Integration |
| | • | | with Currents Data |
| Q46_NB_IntegrationTideWav | String | 16 | Nearshore Bathy, Requirement for Integration |
| eHeights | | | 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 |
| Q 10_11B_integration vi etianas | String | 10 | with Wetlands Data |
| Q46 NB IntegrationEstuaries | String | 16 | Nearshore Bathy, Requirement for Integration |
| 2 10_11D_IntegrationEstuaries | Jung | 10 | with Estuaries Data |
| Q46 NB IntegrationSurface | String | 16 | Nearshore Bathy, Requirement for Integration |
| Water | Sumg | 10 | with Surface Water Data |
| Q46 NB IntegrationLandmar | String | 16 | Nearshore Bathy, Requirement for Integration |
| ks | Jung | 10 | with Landmarks Data |
| Q46 NB IntegrationCultural | String | 16 | Nearshore Bathy, Requirement for Integration |
| Resources | Sumg | 10 | with Cultural Resources Data |
| | Ctnin ~ | 16 | Nearshore Bathy, Requirement for Integration |
| Q46_NB_IntegrationCoastalSt | String | 10 | |
| ructures | | | with Coastal Structures 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 |
| Q40_NB_integrationOtherReq | Sumg | 10 | with Other Data, Respondent Defined |
| Q46 NB IntegrationOtherDes | String | 84 | Nearshore Bathy, Description of Other Data for |
| \ = = 0 | Sumg | 04 | Integration, Respondent Defined |
| Q63_NB_DerivativesTIN | Stain ~ | 3 | Nearshore Bathy, Need for 3D Derivative TIN |
| Q03_NB_DerivativesTin | String | 3 | Nearshore Battly, Need for 3D Derivative Th |
| Q63 NB DerivativesContours | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| | | | Contours |
| Q63 NB DerivativesHillshad | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| es | | | Hillshades |
| Q63 NB DerivativesSlopeMa | String | 3 | Nearshore Bathy, Need for 3D Derivative Slope |
| p | | | Map |
| Q63 NB DerivativesAspectM | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| ap | | | Aspect Map |
| Q63 NB DerivativesCurvatur | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| eMap | | | Curvature Map |
| Q63 NB DerivativesCrossSe | String | 3 | Nearshore Bathy, Need for 3D Derivative Cross |
| ctions | | | Sections |
| Q63 NB DerivativesHeightA | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| boveGroundMap | | | Height-above-ground Map |
| Q63_NB_DerivativesViewshe | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| dMap | | | Viewshed Map |
| Q63_NB_DerivativesHydrolo | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| gicFlowDirection | | | Hydrologic Flow Direction |
| Q63_NB_DerivativesHydrolo | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| gicFlowAccumulation | | | Hydrologic Flow Accumulation |
| Q63_NB_DerivativesHydrolo | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| gicNetworks | | | Hydrologic Networks |
| Q63_NB_DerivativesHydrolo | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| gicUnits | | | Hydrologic Units, Quantitative Benefits Units |
| Q63_NB_DerivativesBuilding | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| Footprints | | | Building Footprints |
| Q63_NB_DerivativesBreaklin | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| esForRoadEdge | | | Breaklines for Road Edge-of-pavement |
| Q63_NB_DerivativesRugosity | String | 3 | Nearshore Bathy, Need for 3D Derivative |
| | | | Rugosity |
| Q63_NB_DerivativesOther | String | 227 | Nearshore Bathy, Description of Other 3D |
| | | | Derivative Needed, Respondent Defined |
| Q47a_NB_DataUsedDesc | String | 1024 | Nearshore Bathy, Description of Current |
| | | | Datasets Used |
| Q47b_NB_DataUsedDigitalC | String | 3 | Nearshore Bathy, Respondent Currently Uses |
| oast | | | Data from Digital Coast |

| earshore Bathy, Respondent Currently Uses ata from Nautical Charts |
|--|
| ata from Nautical Charts |
| |
| earshore Bathy, Respondent Currently Uses |
| ata from Navigation Charts |
| earshore Bathy, Respondent Currently Uses |
| ata from Marine Minerals Program GIS |
| earshore Bathy, Description of Data Currently |
| sed from State Respositories |
| earshore Bathy, Description of Data Currently |
| sed from Other Respositories, Respondent |
| efined |
| earshore Bathy, Current Benefits from |
| evation Data, Operational Benefits, Time |
| evings |
| earshore Bathy, Current Benefits from |
| evation Data, Operational Benefits, Cost |
| evings |
| earshore Bathy, Current Benefits from |
| evation Data, Operational Benefits, Cost |
| voidance |
| earshore Bathy, Current Benefits from |
| evation Data, Operational Benefits, Increased |
| evenue |
| earshore Bathy, Current Benefits from |
| evation Data, Operational Benefits, |
| erformance |
| earshore Bathy, Current Benefits from |
| evation Data, Customer Service Benefits, |
| alue Added |
| earshore Bathy, Current Benefits from |
| evation Data, Customer Service Benefits, |
| meliness |
| earshore Bathy, Current Benefits from |
| evation Data, Customer Service Benefits, |
| sperience |
| earshore Bathy, Current Benefits from |
| evation Data, Societal Benefits, |
| lucation/Outreach |
| earshore Bathy, Current Benefits from |
| evation Data, Societal Benefits, |
| nvironmental |
| |

| Q47c_NB_CurrentBenefitsSo | String | 12 | Nearshore Bathy, Current Benefits from |
|------------------------------|--------|-----|--|
| cietalPublicSafety | | | Elevation Data, Societal Benefits, Public Safety |
| Q47c_NB_CurrentBenefitsOt | String | 5 | Nearshore Bathy, Current Benefits from |
| herReq | | | Elevation Data, Respondent Defined |
| Q47c_NB_CurrentBenefitsOt | String | 191 | Nearshore Bathy, Current Benefits from |
| herDesc | | | Elevation Data, Respondent Defined, |
| | | | 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 | | | Elevation Data that Meets Requirements, |
| on | | | Operational Benefits, Time Savings, Field |
| | | | Visits, Description |
| Q48a2 NB FutBenOperation | String | 12 | Nearshore Bathy, Future Benefits from |
| alTimeSaveProceduresQualita | | | Elevation Data that Meets Requirements, |
| tive | | | Operational Benefits, Time Savings, Procedures, |
| | | | Qualitative Benefits |
| Q48a2_NB_FutBenOperation | String | 28 | Nearshore Bathy, Future Benefits from |
| alTimeSaveProceduresUnits | | | Elevation Data that Meets Requirements, |
| | | | Operational Benefits, Time Savings, Procedures, |
| | | | Quantitative Benefits Units |
| Q48a2 NB FutBenOperation | Double | 8 | Nearshore Bathy, Future Benefits from |
| alTimeSaveProceduresQuantit | | | Elevation Data that Meets Requirements, |
| ativeMin | | | Operational Benefits, Time Savings, Procedures, |
| | | | 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 alTimeSaveProceduresDescription | String | 281 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Procedures, Description |
|--|--------|-----|---|
| Q48a3_NB_FutBenOperation alTimeSaveDataManipQualita tive | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Qualitative Benefits |
| Q48a3_NB_FutBenOperation alTimeSaveDataManipUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Quantitative Benefits Units |
| Q48a3_NB_FutBenOperation alTimeSaveDataManipQuantit ativeMin | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Minimum Quantitative Benefits |
| Q48a3_NB_FutBenOperation alTimeSaveDataManipQuantit ativeMax | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Maximum Quantitative Benefits |
| Q48a3_NB_FutBenOperation alTimeSaveDataManipDescrip tion | String | 260 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Manipulation, Description |
| Q48a4_NB_FutBenOperation alTimeSaveDataErrorQualitati ve | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Qualitative Benefits |
| Q48a4_NB_FutBenOperation alTimeSaveDataErrorUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Quantitative Benefits Units |
| Q48a4_NB_FutBenOperation alTimeSaveDataErrorQuantita tiveMin | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Minimum Quantitative Benefits |
| Q48a4_NB_FutBenOperation alTimeSaveDataErrorQuantita tiveMax | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Maximum Quantitative Benefits |
| Q48a4_NB_FutBenOperation alTimeSaveDataErrorDescript ion | String | 189 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Data Error, Description |

| Q48a5_NB_FutBenOperation alTimeSaveInOfficeQualitativ e | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Qualitative Benefits |
|---|--------|-----|--|
| Q48a5_NB_FutBenOperation alTimeSaveInOfficeUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Quantitative Benefits Units |
| Q48a5_NB_FutBenOperation alTimeSaveInOfficeQuantitati veMin | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Minimum Quantitative Benefits |
| Q48a5_NB_FutBenOperation alTimeSaveInOfficeQuantitati veMax | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Maximum Quantitative Benefits |
| Q48a5_NB_FutBenOperation alTimeSaveInOfficeDescription | String | 177 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, In-office Planning and Monitoring, Description |
| Q48a6_NB_FutBenOperation alTimeSaveStreamlineQualitat ive | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Qualitative Benefits |
| Q48a6_NB_FutBenOperation alTimeSaveStreamlineUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Quantitative Benefits Units |
| Q48a6_NB_FutBenOperation alTimeSaveStreamlineQuantit ativeMin | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Minimum Quantitative Benefits |
| Q48a6_NB_FutBenOperation alTimeSaveStreamlineQuantit ativeMax | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Maximum Quantitative Benefits |

| Q48a6_NB_FutBenOperation alTimeSaveStreamlineDescription | String | 294 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Streamlined Operations, Description |
|--|--------|-----|---|
| Q48a7_NB_FutBenOperation alTimeSaveOtherQualitative | String | 5 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Qualitative Benefits, Respondent Defined |
| Q48a7_NB_FutBenOperation alTimeSaveOtherUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Quantitative Benefits Units, Respondent Defined |
| Q48a7_NB_FutBenOperation alTimeSaveOtherQuantitative Min | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Minimum Quantitative Benefits, Respondent Defined |
| Q48a7_NB_FutBenOperation alTimeSaveOtherQuantitative Max | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Maximum Quantitative Benefits, Respondent Defined |
| Q48a7_NB_FutBenOperation alTimeSaveOtherDescription | String | 30 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Time Savings, Description, Respondent Defined |
| Q48b1_NB_FutBenOperation alCostSaveDataAcqQualitativ e | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Qualitative Benefits |
| Q48b1_NB_FutBenOperation alCostSaveDataAcqUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Quantitative Benefits Units |
| Q48b1_NB_FutBenOperation alCostSaveDataAcqQuantitati veMin | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Savings, Data Acquisition, Minimum Quantitative Benefits |
| Q48b1_NB_FutBenOperation alCostSaveDataAcqQuantitati veMax | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, 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 from Elevation 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 alCostAvoidPropertyLossUnit s | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Quantitative Benefits Units |
|--|--------|-----|---|
| Q48c3_NB_FutBenOperation alCostAvoidPropertyLossQua ntitativeMin | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Minimum Quantitative Benefits |
| Q48c3_NB_FutBenOperation alCostAvoidPropertyLossQua ntitativeMax | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Maximum Quantitative Benefits |
| Q48c3_NB_FutBenOperation alCostAvoidPropertyLossDesc ription | String | 463 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Property Loss from Natural Event, Description |
| Q48c4_NB_FutBenOperation alCostAvoidAccidentQualitati ve | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Qualitative Benefits |
| Q48c4_NB_FutBenOperation alCostAvoidAccidentUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Quantitative Benefits Units |
| Q48c4_NB_FutBenOperation alCostAvoidAccidentQuantitat iveMin | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Minimum Quantitative Benefits |
| Q48c4_NB_FutBenOperation alCostAvoidAccidentQuantitat iveMax | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Maximum Quantitative Benefits |
| Q48c4_NB_FutBenOperation alCostAvoidAccidentDescripti on | String | 321 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Human Error, Description |
| Q48c5_NB_FutBenOperation alCostAvoidOtherQualitative | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Qualitative Benefits, Respondent Defined |

| Q48c5_NB_FutBenOperation alCostAvoidOtherUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Quantitative Benefits Units, Respondent |
|---|--------|-----|---|
| Q48c5_NB_FutBenOperation alCostAvoidOtherQuantitative Min | Double | 8 | Defined Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Minimum Quantitative Benefits, Respondent |
| Q48c5_NB_FutBenOperation alCostAvoidOtherQuantitative Max | Double | 8 | Defined Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Maximum Quantitative Benefits, Respondent Defined |
| Q48c5_NB_FutBenOperation alCostAvoidOtherDescription | String | 492 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Cost Avoidance, Description, Respondent Defined |
| Q48d1_NB_FutBenOperation alRevenueYieldsQualitative | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Qualitative Benefits |
| Q48d1_NB_FutBenOperation alRevenueYieldsUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Quantitative Benefits Units |
| Q48d1_NB_FutBenOperation alRevenueYieldsQuantitative Min | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Minimum Quantitative Benefits |
| Q48d1_NB_FutBenOperation alRevenueYieldsQuantitative Max | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Maximum Quantitative Benefits |
| Q48d1_NB_FutBenOperation alRevenueYieldsDescription | String | 136 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Harvest/Extraction Yields, Description |

| Q48d2_NB_FutBenOperation alRevenueCargoQualitative | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Qualitative Benefits |
|--|--------|-----|--|
| Q48d2_NB_FutBenOperation alRevenueCargoUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Quantitative Benefits Units |
| Q48d2_NB_FutBenOperation alRevenueCargoQuantitative Min | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Minimum Quantitative Benefits |
| Q48d2_NB_FutBenOperation alRevenueCargoQuantitative Max | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Maximum Quantitative Benefits |
| Q48d2_NB_FutBenOperation alRevenueCargoDescription | String | 550 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, Cargo Carrying Capacity, Description |
| Q48d3_NB_FutBenOperation alRevenueProductsQualitative | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Qualitative Benefits |
| Q48d3_NB_FutBenOperation alRevenueProductsUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Quantitative Benefits Units |
| Q48d3_NB_FutBenOperation alRevenueProductsQuantitativ eMin | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Minimum Quantitative Benefits |
| Q48d3_NB_FutBenOperation alRevenueProductsQuantitativ eMax | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New Products/Services/Applications, Maximum Quantitative Benefits |

| Q48d3_NB_FutBenOperation alRevenueProductsDescription | String | 167 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Increased Revenue, New |
|--|--------|-----|--|
| Q48d4_NB_FutBenOperation alRevenueOtherQualitative | String | 12 | Products/Services/Applications, Description 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 alPerformProductsDescription | String | 321 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Data Availability, Description |
|---|--------|-----|---|
| Q48e4_NB_FutBenOperation alPerformOtherQualitative | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Qualitative Benefits, Respondent Defined |
| Q48e4_NB_FutBenOperation alPerformOtherUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Quantitative Benefits Units, Respondent Defined |
| Q48e4_NB_FutBenOperation alPerformOtherQuantitativeMi n | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Minimum Quantitative Benefits, Respondent Defined |
| Q48e4_NB_FutBenOperation alPerformOtherQuantitativeM ax | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Maximum Quantitative Benefits, Respondent Defined |
| Q48e4_NB_FutBenOperation alPerformOtherDescription | String | 149 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Operational Benefits, Performance, Description, Respondent Defined |
| Q48f1_NB_FutBenOperationalOtherQualitative | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Qualitative Benefits, Respondent Defined |
| Q48f1_NB_FutBenOperationa lOtherUnits | String | 28 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Quantitative Benefits Units, Respondent Defined |
| Q48f1_NB_FutBenOperationa lOtherQuantitativeMin | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Minimum Quantitative Benefits, Respondent Defined |
| Q48f1_NB_FutBenOperationa lOtherQuantitativeMax | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Other Operational Benefits, Maximum Quantitative Benefits, Respondent Defined |
| Q48f1_NB_FutBenOperationa lOtherDescription | String | 292 | Nearshore Bathy, Future Benefits from 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 alueAddedAccuracyDescription | 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 | String | 28 | Nearshore Bathy, Future Benefits from |
|-------------------------------|--------|-----|--|
| melinessReviewsUnits | Sumg | 20 | Elevation Data that Meets Requirements, |
| monnessice views on its | | | Customer Service Benefits, Timeliness, Reviews |
| | | | and Approvals, Quantitative Benefits Units |
| O49h1 ND EutDonCustSvaTi | Double | 8 | |
| Q48h1_NB_FutBenCustSvcTi | Double | 8 | Nearshore Bathy, Future Benefits from |
| melinessReviewsQuantitative | | | Elevation Data that Meets Requirements, |
| Min | | | Customer Service Benefits, Timeliness, Reviews |
| | | | and Approvals, Minimum Quantitative Benefits |
| Q48h1_NB_FutBenCustSvcTi | Double | 8 | Nearshore Bathy, Future Benefits from |
| melinessReviewsQuantitative | | | Elevation Data that Meets Requirements, |
| Max | | | Customer Service Benefits, Timeliness, Reviews |
| | | | and Approvals, Maximum Quantitative Benefits |
| Q48h1_NB_FutBenCustSvcTi | String | 122 | Nearshore Bathy, Future Benefits from |
| melinessReviewsDescription | | | Elevation Data that Meets Requirements, |
| | | | Customer Service Benefits, Timeliness, Reviews |
| | | | and Approvals, Description |
| Q48h2_NB_FutBenCustSvcTi | String | 12 | Nearshore Bathy, Future Benefits from |
| melinessIncidentQualitative | | | Elevation Data that Meets Requirements, |
| | | | Customer Service Benefits, Timeliness, |
| | | | Response to Incidents or Events, Qualitative |
| | | | Benefits |
| Q48h2_NB_FutBenCustSvcTi | String | 28 | Nearshore Bathy, Future Benefits from |
| melinessIncidentUnits | | | Elevation Data that Meets Requirements, |
| | | | Customer Service Benefits, Timeliness, |
| | | | Response to Incidents or Events, Quantitative |
| | | | Benefits Units |
| Q48h2_NB_FutBenCustSvcTi | Double | 8 | Nearshore Bathy, Future Benefits from |
| melinessIncidentQuantitative | | | Elevation Data that Meets Requirements, |
| Min | | | Customer Service Benefits, Timeliness, |
| | | | Response to Incidents or Events, Minimum |
| | | | Quantitative Benefits |
| Q48h2_NB_FutBenCustSvcTi | Double | 8 | Nearshore Bathy, Future Benefits from |
| melinessIncidentQuantitative | | | Elevation Data that Meets Requirements, |
| Max | | | Customer Service Benefits, Timeliness, |
| | | | Response to Incidents or Events, Maximum |
| | | | Quantitative Benefits |
| Q48h2 NB FutBenCustSvcTi | String | 300 | Nearshore Bathy, Future Benefits from |
| melinessIncidentDescription | 8 | | Elevation Data that Meets Requirements, |
| | | | Customer Service Benefits, Timeliness, |
| | | | Response to Incidents or Events, Description |
| Q48h3_NB_FutBenCustSvcTi | String | 12 | Nearshore Bathy, Future Benefits from |
| melinessRecoveryQualitative | Sums | 12 | Elevation Data that Meets Requirements, |
| inclinessized very Quantative | | | Customer Service Benefits, Timeliness, |
| | | | Recovery after Event, Qualitative Benefits |
| | | | receivery arter Event, Quantative Delicitis |

| 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_FutBenCustSvcCustExpConfidenceQualitative | String | 12 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Qualitative Benefits |
| Q48i1_NB_FutBenCustSvcCustExpConfidenceUnits | 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_FutBenCustSvcCustExpServicesUnits | 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_FutBenCustSvcCustExpAvailabilityQualitative | 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_FutBenCustSvcCustExpOtherQuantitativeMin | Double | 8 | Nearshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Minimum Quantitative Benefits, Respondent Defined |
| Q48i4_NB_FutBenCustSvcCustExpOtherQuantitativeMax | 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 | | | 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 | | | Elevation Data that Meets Requirements, |
| | | | Customer Service Benefits, Potential Benefits, |
| | | | Maximum Quantitative Benefits |
| Q48_NB_FutBenCustSvcPote | String | 255 | Nearshore Bathy, Future Benefits from |
| ntialDescription | | | Elevation Data that Meets Requirements, |
| | | | Customer Service Benefits, Potential Benefits, |
| | | | Description |
| Q48k1_NB_FutBenSocietalEd | String | 12 | Nearshore Bathy, Future Benefits from |
| ucationQualitative | | | Elevation Data that Meets Requirements, |
| | | | Societal Benefits, Education/Outreach, |
| | | | Qualitative Benefits |
| Q48k1 NB FutBenSocietalEd | String | 173 | Nearshore Bathy, Future Benefits from |
| ucationDescription | | | Elevation Data that Meets Requirements, |
| • | | | Societal Benefits, Education/Outreach, |
| | | | Description |
| Q48k2 NB FutBenSocietalEn | String | 12 | Nearshore Bathy, Future Benefits from |
| vironmentalQualitative | | | Elevation Data that Meets Requirements, |
| | | | Societal Benefits, Environmental, Qualitative |
| | | | Benefits |
| Q48k2 NB FutBenSocietalEn | String | 418 | Nearshore Bathy, Future Benefits from |
| vironmentalDescription | 8 | | Elevation Data that Meets Requirements, |
| 1 | | | Societal Benefits, Environmental, Description |
| Q48k3 NB FutBenSocietalPu | String | 12 | Nearshore Bathy, Future Benefits from |
| blicSafetyQualitative | z u mg | | Elevation Data that Meets Requirements, |
| | | | Societal Benefits, Public Safety, Qualitative |
| | | | Benefits |
| Q48k3 NB FutBenSocietalPu | String | 484 | Nearshore Bathy, Future Benefits from |
| blicSafetyDescription | | | Elevation Data that Meets Requirements, |
| | | | Societal Benefits, Public Safety, Description |
| Q4811 NB FutBenSocietalOt | String | 8 | Nearshore Bathy, Future Benefits from |
| herQualitative | Zumg | | Elevation Data that Meets Requirements, Other |
| nor Quartantivo | | | Societal Benefits, Qualitative Benefits, |
| | | | Respondent Defined |
| | | | Respondent Dennied |

| 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 | String | 16 | Offshore Bathy, Requirement for Other Temporal Seamlessness, Respondent Defined |
| OtherReq Q56a_OB_SeamlessTemporal | String | 177 | Offshore Bathy, Description of Other Temporal |
| OtherDesc | | | Seamlessness, Respondent Defined |
| Q56a_OB_SeamlessSpatialPointCloud | 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 |

| Q56b_OB_SeamlessAcceptable eVerticalManip | String | 153 | Offshore Bathy, Acceptable Vertical Manipulation to Create Seamlessness |
|---|---------|-----|--|
| Q57_OB_DataProductDSM | String | 16 | Offshore Bathy, Requirement for DSM as a 3D |
| Q57_OD_Data110ddctD5W1 | String | 10 | Product |
| Q57_OB_DataProductDTM | String | 16 | Offshore Bathy, Requirement for DTM as a 3D Product |
| Q57 OB DataProductDEM | String | 16 | Offshore Bathy, Requirement for DEM as a 3D |
| QUI_OB_Battal TodateBENT | String | | Product |
| Q57_OB_DataProductRawPoi | String | 16 | Offshore Bathy, Requirement for Raw Point |
| ntCloud | | | Cloud as a 3D Product |
| Q57 OB DataProductCubeX | String | 16 | Offshore Bathy, Requirement for Cube X,Y,Z as |
| YZ | | | a 3D Product |
| Q57 OB DataProductFullWa | String | 16 | Offshore Bathy, Requirement for Full |
| veform | | | Waveform as a 3D Product |
| Q57 OB DataProductBAG | String | 16 | Offshore Bathy, Requirement for BAG as a 3D |
| ` | | | Product |
| Q57 OB DataProductVDatu | String | 16 | Offshore Bathy, Requirement for VDatum as a |
| m | | | 3D Product |
| Q57 OB DataProductTidePre | String | 16 | Offshore Bathy, Requirement for Tide |
| dictions | | | Predictions as a 3D Product |
| Q57 OB DataProductTCARI | String | 16 | Offshore Bathy, Requirement for T-CARI as a |
| ` | | | 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 |
| ` | Duiling | | |
| exture | String | | with Bottom Texture Data |
| exture Q58 OB IntegrationBottomT | String | 16 | |

| Q58_OB_IntegrationSubmerg edFeatures | String | 16 | Offshore Bathy, Requirement for Integration with Submerged Features Data |
|--------------------------------------|---------|-----|--|
| Q58 OB IntegrationSubbotto | String | 16 | Offshore Bathy, Requirement for Integration |
| mCharacteristics | String | 10 | with Subbottom Characteristics Data |
| Q58 OB IntegrationGeology | String | 16 | Offshore Bathy, Requirement for Integration |
| Q38_OB_integrationGeology | Sumg | 10 | with Geologic and Seismic Data |
| O59 OD Integration WaterCal | Ctuin a | 16 | Offshore Bathy, Requirement for Integration |
| Q58_OB_IntegrationWaterCol | String | 10 | |
| umnPhysical | Gt . | 1.6 | with Physical Water Column Properties Data |
| Q58_OB_IntegrationWaterCol | String | 16 | Offshore Bathy, Requirement for Integration |
| umnChemical | a. · | 1.6 | with Chemical Water Column Properties Data |
| Q58_OB_IntegrationWaterCol | String | 16 | Offshore Bathy, Requirement for Integration |
| umnBiological | | | with Biological Water Column Properties Data |
| Q58_OB_IntegrationCurrents | String | 16 | Offshore Bathy, Requirement for Integration |
| | | | with Currents Data |
| Q58_OB_IntegrationTideWav | String | 16 | Offshore Bathy, Requirement for Integration |
| eHeights | | | with Tide Wave Heights Data |
| Q58_OB_IntegrationSeaIceCo | String | 16 | Offshore Bathy, Requirement for Integration |
| nditions | | | with Sea Ice Conditions Data |
| Q58_OB_IntegrationHabitatD | String | 16 | Offshore Bathy, Requirement for Integration |
| istribution | | | with Habitat Disruption and Classification Data |
| Q58 OB IntegrationBoundari | String | 16 | Offshore Bathy, Requirement for Integration |
| es | | | with Boundaries Data |
| Q58 OB IntegrationRoutes | String | 16 | Offshore Bathy, Requirement for Integration |
| | | | with Routes Data |
| Q58 OB IntegrationOffshore | String | 16 | Offshore Bathy, Requirement for Integration |
| Cadastral | | | with Offshore Cadastral Data |
| Q58 OB IntegrationLeaseAre | String | 16 | Offshore Bathy, Requirement for Integration |
| as | | | with Lease Areas Data |
| Q58 OB IntegrationFixedObs | String | 16 | Offshore Bathy, Requirement for Integration |
| tructions | Sums | 10 | with Fixed Obstructions Data |
| Q58 OB IntegrationFloating | String | 16 | Offshore Bathy, Requirement for Integration |
| ObsNaviSystems | String | 10 | with Floating Observation/Navigation Systems |
| Q58 OB IntegrationLandUse | String | 16 | Offshore Bathy, Requirement for Integration |
| Cover | String | 10 | with Land Use Land Cover Data |
| Q58 OB IntegrationWetlands | String | 16 | Offshore Bathy, Requirement for Integration |
| Q38_OB_integration wettands | Sumg | 10 | with Wetlands Data |
| Q58 OB IntegrationEstuaries | String | 16 | |
| Q38_OB_IntegrationEstuaries | String | 10 | Offshore Bathy, Requirement for Integration |
| O50 OD Internation Other December 1 | Ct | 1.0 | with Estuaries Data |
| Q58_OB_IntegrationOtherReq | String | 16 | Offshore Bathy, Requirement for Integration |
| 050 OD L | G. : | 7.1 | with Other Data, Respondent Defined |
| Q58_OB_IntegrationOtherDes | String | 51 | Offshore Bathy, Description of Other Data for |
| c | | | Integration, Respondent Defined |
| Q63_OB_DerivativesTIN | String | 3 | Offshore Bathy, Need for 3D Derivative TIN |
| | | | |

| 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 Map |
| Q63_OB_DerivativesAspectM | String | 3 | Offshore Bathy, Need for 3D Derivative Aspect Map |
| ap Q63_OB_DerivativesCurvatur | String | 3 | Offshore Bathy, Need for 3D Derivative |
| еМар | | | 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 | | | 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 | Ct | 12 | Data, Operational Benefits, Time Savings |
| Q59c_OB_CurrentBenefitsOp | String | 12 | Offshore Bathy, Current Benefits from Elevation |
| erationalCostSavings | a. · | 10 | Data, Operational Benefits, Cost Savings |
| Q59c_OB_CurrentBenefitsOp | String | 12 | Offshore Bathy, Current Benefits from Elevation |
| erationalCostAvoidance | | | Data, Operational Benefits, Cost Avoidance |
| Q59c_OB_CurrentBenefitsOp | String | 12 | Offshore Bathy, Current Benefits from Elevation |
| erationalIncreasedRevenue | | | 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 alTimeSaveStreamlineDescription | 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 alCostSaveMaterialsDescription | 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 alPerformOtherQuantitativeMin | 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 alueAddedProductsDescription | 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 |

| Q60g2_OB_FutBenCustSvcV alueAddedAccuracyDescription | String | 342 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Accuracy, Description |
|--|--------|-----|--|
| Q60g3_OB_FutBenCustSvcV alueAddedOtherQualitative | String | 8 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Qualitative Benefits, Respondent Defined |
| Q60g3_OB_FutBenCustSvcV alueAddedOtherUnits | String | 28 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Quantitative Benefits Units, Respondent Defined |
| Q60g3_OB_FutBenCustSvcV alueAddedOtherQuantitative Min | Double | 8 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Minimum Quantitative Benefits, Respondent Defined |
| Q60g3_OB_FutBenCustSvcV alueAddedOtherQuantitative Max | Double | 8 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Maximum Quantitative Benefits, Respondent Defined |
| Q60g3_OB_FutBenCustSvcV alueAddedOtherDescription | String | 387 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Value Added, Description, Respondent Defined |
| Q60h1_OB_FutBenCustSvcTi melinessReviewsQualitative | String | 12 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Qualitative Benefits |
| Q60h1_OB_FutBenCustSvcTi melinessReviewsUnits | String | 28 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Quantitative Benefits Units |
| Q60h1_OB_FutBenCustSvcTi melinessReviewsQuantitative Min | Double | 8 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Minimum Quantitative Benefits |
| Q60h1_OB_FutBenCustSvcTi melinessReviewsQuantitative Max | Double | 8 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Maximum Quantitative Benefits |
| Q60h1_OB_FutBenCustSvcTi melinessReviewsDescription | String | 144 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Reviews and Approvals, Description |

| 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 melinessWarningsQualitative | String | 12 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Qualitative Benefits |
|---|--------|-----|--|
| Q60h6_OB_FutBenCustSvcTi melinessWarningsUnits | String | 28 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Quantitative Benefits Units |
| Q60h6_OB_FutBenCustSvcTi melinessWarningsQuantitative Min | Double | 8 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Minimum Quantitative Benefits |
| Q60h6_OB_FutBenCustSvcTi melinessWarningsQuantitative Max | Double | 8 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Maximum Quantitative Benefits |
| Q60h6_OB_FutBenCustSvcTi melinessWarningsDescription | String | 139 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Event Projections and Warnings, Description |
| Q60h7_OB_FutBenCustSvcTi melinessOtherQualitative | String | 5 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Qualitative Benefits, Respondent Defined |
| Q60h7_OB_FutBenCustSvcTi melinessOtherUnits | String | 17 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Quantitative Benefits Units, Respondent Defined |
| Q60h7_OB_FutBenCustSvcTi melinessOtherQuantitativeMin | Double | 8 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Minimum Quantitative Benefits, Respondent Defined |
| Q60h7_OB_FutBenCustSvcTi melinessOtherQuantitativeMa x | Double | 8 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Maximum Quantitative Benefits, Respondent Defined |
| Q60h7_OB_FutBenCustSvcTi melinessOtherDescription | String | 255 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Timeliness, Description, Respondent Defined |
| Q60i1_OB_FutBenCustSvcCustExpConfidenceQualitative | String | 12 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Confidence, Qualitative Benefits |

| Q60i1_OB_FutBenCustSvcCustExpConfidenceUnits | 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_FutBenCustSvcCustExpAvailabilityQualitative | String | 12 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Qualitative Benefits |

| Q60i3_OB_FutBenCustSvcCustExpAvailabilityUnits | 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_FutBenCustSvcCustExpAvailabilityDescription | String | 196 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Availability, Description |
| Q60i4_OB_FutBenCustSvcCustExpOtherQualitative | 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_FutBenCustSvcCustExpOtherQuantitativeMin | Double | 8 | Offshore Bathy, Future Benefits from Elevation Data that Meets Requirements, Customer Service Benefits, Experience, Minimum Quantitative Benefits, Respondent Defined |
| Q60i4_OB_FutBenCustSvcCustExpOtherQuantitativeMax | 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_FutBenCustSvcPotentialQuantitativeMax | 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_FutBenSocietalPublicSafetyDescription | String | 332 | Offshore Bathy, Future Benefits from Elevation 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 |
| Q60l1_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 |

| Q31_IB_FutBenOperationalM | Double | 8 | Inland Bathy, Future Benefits, Operational |
|---------------------------|--------|---|--|
| in | | | 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 OBJECTID ₽K OBJECTID OBJECTID FK Geographic Area FK MCA_ID ¥FK Federal ReviewAO & Federal Tribal FK FK **▼**FK State OBJECTID OBJECTIO InlandBathy Inland TopoID Inland To poID OBJECTID ₩. In land Bat hy ID In land Bat hy ID FFK MCA_ID NearshoreID Nears horeID FFK Offs hore ID Offshore ID Federal ReviewAO & Federal Tribal ₹FK State NearshoreBathy OBJECTID OBJECTID OBJECTID ₹FK MCA_ID Inland To poID Inland To poID **T**FK In land Bat hy ID FE ₹FK FederalReviewAO Is Nears horeID FEK Nearshore ID Federal Tribal Offshore ID Offshore ID T FK TFK MarineSanctuary Maritime Boundary OBJECTID OBJECTID OBJECTID Nears horeID Nears hore ID

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