

RESOURCES INVENTORY COMMITTEE APPROVED STANDARD

**1:250,000 SCALE TOURISM RESOURCE
INVENTORY
STANDARDSS AND PROCEDURES**

Created by the Ministry of Small Business, Tourism & Culture
for the
Resource Inventory Committee (R1C)

February, 1996

Summary

This document discusses the standards and procedures for carrying out a Tourism Resource Inventory (TRI) at a scale of 1:250,000. The TRI is made up of two basic components. The first component is existing tourism use, which includes infrastructure such as hotels, golf courses and fishing lodges, and tourism use areas for products such as guided backcountry hiking, heli-skiing and wildlife viewing. Updating of this component should be done every three to five years although any new information should be added as it becomes available.

The second component is tourism capability or potential. Tourism capability measures the relative ability of the natural and cultural resources of an area to support a given tourism product. Essential to the calculation of tourism capability is natural and cultural resource information obtained from provincially accepted sources (i.e. wildlife information from the Ministry of Environment, Lands and Parks). Updating of this component should be done as new resource information is made available by the agency responsible for collecting it.

This report details:

- the definition of a tourism resource inventory; who is responsible for conducting the inventory;
- procedures for collecting existing tourism use data;
- procedures for collecting resource data needed for tourism capability;
- calculating tourism capability;
- detailed description of attributes associated with each component; and
- uses for the information contained in the tourism resource inventory.

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1.0 Introduction

1.1 Purpose

The purpose of this manual is to describe the standards and procedures for conducting a Tourism Resource Inventory at a strategic scale of 1:250,000.

1.2 Background

Tourism is the world's largest industry with total annual expenditures approaching \$3.4 trillion. Tourism is growing rapidly and is expected to continue to grow more than 6% per year in the near future, much faster than the world economy in general⁴. Benefits from tourism include job creation, economic growth, foreign exchange and regional distribution of economic benefits.

Because of its diversity, the tourism industry is hard to define. In 1991, over 23 million visitors stayed at least one night in BC. These visitors to the province are served by more than 12,000 businesses, some of which are totally dependent on tourism.

A significant factor influencing peoples' decisions to visit British Columbia is the wide range of "Super, Natural" settings in which tourism activities can take place. One of the most rapidly growing segments of the tourism industry both in BC and worldwide is outdoor/adventure tourism. A high quality natural environment is critical to the success of many outdoor/adventure tourism products such as heli-hiking, wildlife viewing, trail riding, ocean kayaking and river rafting. A high quality natural setting is also very important to front country tourism products such as bicycle, automobile and bus touring. It also provides a scenic backdrop to communities in BC which increases their attractiveness to visitors. Tourism in BC, therefore, relies heavily on the continued existence and maintenance of a high quality natural environment.

Tourism is a growing industry in British Columbia and is a significant contributor to the province's economy. In 1995 tourism contributed \$X billion to the provincial gross domestic product. However, there is increasing competition for use of the resources tourism relies upon to compete effectively in the international market. Recent studies by the Ministry of Small Business, Tourism and Culture have indicated resource-based tourism operators are unanimously concerned about the capacity of the natural resources to sustain viable tourism businesses.

1 Naisbitt. 1995. Global Paradox.

2 Ministry of Tourism, 1992?, Tourism's Value to British Columbia. '

The tourism industry and the general public have strongly expressed the need for sound management and protection of resources tourism relies on. It is important that the tourism perspective be considered in resource decisions. By identifying resources with high tourism values, the Ministry and the tourism industry will be in a better position to participate effectively in land use and resource management planning processes.

1.3 What is a Tourism Resource Inventory?

In order to meet both government and private sector needs for tourism information the BC Ministry of Small Business Tourism and Culture has, since 1991, been developing and refining a province-wide Tourism Resource Inventory at a scale of 1:250,000. The inventory is designed to provide strategic tourism information to land use planning processes within the province, as well as for tourism planning and product development.

The essential questions for an inventory of this kind are:

- What (and where) are the existing activities, facilities and services available to visitors in British Columbia?
- Where are the natural and cultural resources, and infrastructure capable of supporting future tourism use?

The Tourism Resource Inventory consists of two components designed to answer these questions. The first component defines and maps existing tourism facilities and use areas in the various regions of the province. It includes information on facilities such as hotels, ski hills, guest ranches, fishing lodges; on attractions such as museums; and on activities such as heli-skiing, trail riding, backcountry skiing, white-water rafting and wildlife viewing. The second component describes and maps the capability of the resource base to support future tourism use for a wide range of products. Together, these components provide information essential to understanding tourism in BC - both today and into the future.

1.4 Who is Responsible for a Tourism Resource Inventory?

In 1995 the Ministry of Small Business, Tourism and Culture was given the legislated mandate to represent tourism interests in land use planning processes across BC. In order to meet this mandate, the Ministry has, since 1991, been collecting tourism resource and existing use information. It is anticipated that by March 1996 the inventory will be completed for the entire province. As the methodology for conducting a tourism resource inventory has evolved, since 1991, some work is still required to bring the entire provincial inventory up to the standards described in this manual.

2.0 Tourism Resource Inventory Overview

2.1 Introduction

As mentioned in the introduction, the two components of a Tourism Resource Inventory are existing tourism use and tourism capability. This chapter will provide an overview of the type of information found in each, and a description of each components structure.

2.2 Existing Tourism Use

Existing tourism use includes both features whose primary focus is tourism (such as fishing lodges) and infrastructure which is essential to tourism (such as roads and airports). Existing use information is contained in a series of geographic information system (GIS) files or coverages³. These coverages can be classified as point, line and polygon coverages according to the type of information they contain.

Point coverages contain all tourism facilities, infrastructure important to tourism, and use areas which are too small to be represented by polygons at a scale of 1:250,000. This includes:

- accommodations;
- small ski hills;
- marinas; tourism attractions;
- use features;
- golf courses; small parks;
- airports;
- communities;
- tour operator headquarters; and
- other.

³ The Tourism Resource Inventory is currently managed using ESRI's Arc/Info GIS. Arc/Info stores different types of information in separate coverages rather than on different layers as is the case in some other GIS products.

Many of these point features can be associated with either a linear or a polygonal use area. To facilitate the GIS link between a point feature and its use area, many of these point features are given a unique identification number. Chapter 4 will provide a complete description of how the inventory links point features with their associated use areas.

Linear coverages include existing tourism use features and infrastructure which can be best represented by a line. This includes:

- trails;
- rivers;
- roads;
- ferry routes;
- existing tourism use water routes;
- air access routes; and
- other.

Many of these linear features are associated with a point feature. To facilitate the GIS link between a linear use area and its associated point feature, many of these linear features are given a unique identification number. Chapter 4 will provide a complete description of how the inventory links linear use features with their associated point features.

Polygon coverages contain both tenured and untenured use areas as well as some infrastructural features important to tourism. This includes:

- fishing lodge use areas;
- guest ranch use areas;
- heli-ski/heli-hike tenures;
- fishing lakes;
- fishing rivers;
- rafting/kayaking/canoeing rivers;
- large ski hills;
- parks;
- large communities;
- guide outfitter territories;
- other tenured use areas;
- other untenured use areas (summer);
- other untenured use areas (winter);
- other.

Many of these polygonal features are associated with a point feature. To facilitate the GIS link between a polygonal use area and its associated point feature, many of these polygonal features are given a unique identification number. Chapter 4 will provide a complete description of how the inventory links polygonal use features with their associated point features.

2.3 Tourism Capability

The tourism capability component of the Inventory is made up of three sets of coverages. These are:

- capability coverages;
- intermediate analysis coverages; and
- resource coverages.

2.3.1 Capability Coverages

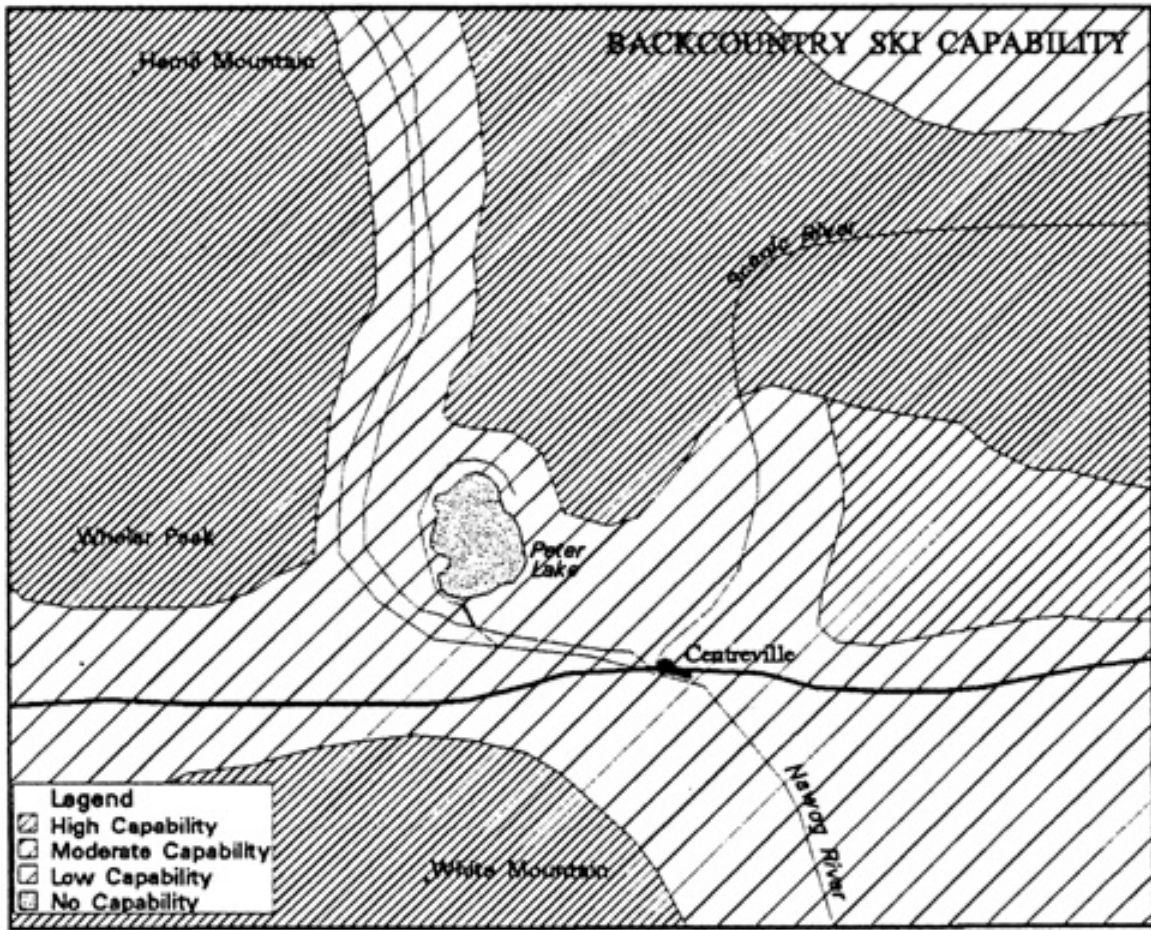
Capability coverages describe the ability of the natural and cultural resources of an area to support a given tourism product. Table I provides a list of all products for which capability has been calculated. Capability is calculated using a capability model which defines how resource and intermediate analysis coverages are combined and classified to produce a capability map which ranks the landscape as having high, moderate, low or no capability.

For example, a heli-hiking capability model begins by identifying all areas where the resources essential to the heli-hiking exist. In this case these resources include proximity to a helicopter base, a setting where slopes are such that the average person is comfortable hiking, and an area which has not been extensively altered either by resource extraction or by urban development. Next, the model uses elements of the natural setting to assess the quality of heli-hiking possible on the remaining land area. Factors influencing the quality of the product include the general nature of the terrain (for example, are extensive views possible), the presence of scenic features such as lakes, ice fields and waterfalls, the opportunity for wildlife viewing, and the presence of cultural/heritage features. Figure 1 depicts a sample capability map.

Table I Product with Tourism Capability Models

Hiking/Backpacking	Heli-hiking
Off-road mountain biking	Lake activities
Back-country skiing	Road Touring
Reosrt/Lodge	Natural history tours
Downhill skiing	Community heritage/culture
Snowmobiling	Trail Riding
Lake/River Fishing	Multi-day trail riding
Day coastal cruising	Multi-day coastal cruising
Small ship cruising	Day kayaking
Day sport fishing	Marinas
Multi-day sport fishing	Bicycle touring
Mountaineering	Heli-skiing
Wildlife Viewing	

Figure 1 Sample Capability Map



2.3.2 Intermediate Analysis Coverages

In some cases, preliminary analysis of raw data is required in order to make this data useful for modeling tourism capability. A good example of this is with scenic data. Raw scenic data includes information on the degree and type of alteration to the landscape, water influence and type, vegetation, etc. In this case, an intermediate analysis is done to produce a coverage which classifies the landscape as having high, moderate or low scenic quality. Table II provides a list of the intermediate analysis coverages and the raw data used in their calculation.

Table II Intermediate Analysis Coverages

Intermediate Coverage	Resource Coverage(s)
Biogeoclimatic	Biogeoclimatic zones
Scenic	Forest cover, base map (rivers, lakes, coastline, topography), geological features, biogeoclimatic zones
Features	Base maps (rivers, lakes, coastline), water features, geological features, fisheries data, bird data, mammal data, heritage data
Wildlife	Bird data, Mammal data, fisheries data, wildlife viewing sites, biogeoclimatic

2.3.3 Resource Coverages

To date, the inventory contains a wide range of resource coverages. These coverages contain information concerning natural and cultural resources that support a range of tourism products. With the exception of scenic data, all resource information is taken from provincially acknowledged sources. Table III provides a list of all resource coverages used in the tourism resource inventory to date, as well as the sources for this information.

It is important to note that the type of resource information required by the inventory could change. One reason for a change is that capability information could be required for a new tourism product which previously had not been modeled. Such a new product could rely on a natural or cultural resource which is currently not listed in Table III. Since it is impossible to produce an exhaustive list of all present and future tourism products, it is also impossible to produce an exhaustive list of the resources that these products might rely upon. Table I provides a list of the tourism products which have been modeled using the information in Table III.

Another reason why Table III could change is that one type of information could be superseded by another that is more appropriate for modeling tourism capability. For example, wildlife habitat information could be replaced with information which more accurately describes the potential for wildlife viewing.

Table III Tourism Resource Data and Sources

Tourism Resource	Existing Source
Geological Features	MoF Rec, ORC, EMPR, Guide books
Water Features	MoF Rec, MELP Parks, EMPR, ORC Guide books
Biogeoclimatic Zones	MoF
Lake and River Fisheries	MELP Fisheries Overview Inventory, Guide books
Mammals	MELP Wildlife Branch, DFO
Wildlife habitat	MoF- biogeoclimatic zone mapping
Wildlife Viewing Sites	MELP Wildlife Branch
Bird Resources	MELP Wildlife Branch, guide books, Canadian Wildlife Service
Scenic Resources	MoF, Satellite Images, Topographic maps
Heritage Resources	MSBTC Culture Division, Guide books
Whitewater Resources	MoF Rec, Guide books
Coastal Water Depth	Canadian Hydrographic Service
Coastal Exposure	Topographic maps
Shoreline Type	MELP Coastal. zone mapping
Shoreline Configuration	Topographic maps
Coastal Fisheries	DFO
Forest Cover	MoF

3.0 Inventory Procedures

3.1 Purpose

This chapter provides a description of the procedures involved in collecting a 1:250,000 scale Tourism Resource Inventory.

3.2 Overview

Collection and analysis procedures for the Tourism Resource Inventory are made up of the following four essential phases:

1. Identify tourism activities and resource needs;
2. Collect resource and existing tourism use data;
3. Develop tourism capability models and maps; and
4. Finalize capability and complete deliverables.

In order for this Inventory to be a success, the tourism industry must understand the inventory procedures and be willing to provide quality input. Industry involvement, therefore, is crucial to all four phases of the Inventory.

All components of a given inventory phase need not be completed before the next phase can be begun. For example, developing and testing of capability models can begin before all existing tourism use data has been collected.

3.3 Identify Tourism Activities and Resource Needs

This phase provides a-basis for each of the subsequent steps. The goals are to: develop an inventory work plan which will include a list of the tourism products for which capability will be modeled; to prepare base maps; and to establish an advisory group of tourism industry representatives.

3.3.1 Inventory Work Plan

The inventory work plan is a guide to the inventory project. Development of the work plan will occur throughout the first phase of the inventory. The first draft of the plan should be written following a start-up meeting between the ministry and the contractors conducting the inventory.

The plan should include a complete schedule for all inventory work including the following:

- dates and objectives for industry meetings;
- dates for submission of progress reports; and
- billing dates (which should be tied to the progress reports).

A description of what should be included in each progress report is given at the end of each of the sections describing the four phases of the inventory.

The work plan should also include a list of tourism industry representatives who could form an advisory group for the inventory work. This list will be developed in close consultation with the ministry. Once the advisory group has formed and completed its first meeting, the work plan should be updated to list the members of the group and what segment of the industry each member represents.

The work plan should also include a list of known tourism products within the study area. This will help guide collection of existing use information. The list should be reviewed by the advisory group before the final version of the work plan is submitted.

The work plan should include a list of tourism products which are to be considered for capability modeling. The initial version of this list should be discussed at the inventory start-up meeting and should include 10 to 15 products. They should be selected to represent the range of tourism experiences/activities available in the study area. The list should include activities from both the summer and winter seasons, and activities which are economically significant within the study area. The list should focus on these products which are dependent on the study area's natural and cultural resources. Table II provides a list of tourism products for which capability has been modeled to date. Following the meeting with the advisory group, the list should be refined to bring the total number of products for which capability will be modeled to between eight and twelve. The exact number to be modeled will depend on the study area, the availability of resource data, and on the inventory budget.

Once the list of products to be modeled for capability has been finalized, the contractor should begin to develop a list of the resource information needed for these models. This "resource needs analysis" should be done in close consultation with both the Ministry and the advisory group. The final version of the work plan should contain a list of the resource data needs for each capability model. This list should include information about the resource data including sources, scale, quality and the date of the next expected update.

Finally, the work plan should include a list of deliverables for the inventory project. Deliverables will include a series of Arc/Info GIS coverages developed to the standards described in the next chapter. Information about the projection used by the tourism resource inventory can be found in Appendix A. Deliverables should also include a series of hardcopy maps depicting tourism capability for the study area. Another deliverable will be a User Manual which describes each capability model and details the information found in each of the GIS coverages.

3.3.2 Prepare Base Maps

Both digital and paper base maps must be made ready for subsequent inventory work. Paper base maps will be required for collection of existing tourism use data. A complete set of 1:50,000 scale BCGS maps should be acquired for the entire study area.

The digital base map for the inventory must be prepared using the Ministry of Environment, Lands and Park's 1:250,000 Digital Baseline Mapping files. The appropriate files will be provided by MSBTC. These files will need to be translated in Arc/Info format, then compiled and projected to form a seamless digital base map for the study area. This base map must include the following information:

- roads
- rivers
- lakes
- contours
- ferry routes
- airports
- communities
- parks
- rail lines
- coastline
- cadastral information including Forest Districts, Regional Districts and Municipalities.

3.3.3 Meet with Tourism Industry Advisory Group

The involvement of the tourism industry is essential to a successful inventory. It is best to identify user groups within the tourism industry that are particularly knowledgeable. These tourism operators would be most familiar with their segment of the industry, its economic and geographic characteristics and the natural resources upon which it depends. This might include fishing guides, resort operators, members of the ski industry, etc.

It is essential that those involved in preparing the inventory take the time to build rapport with those involved in the tourism industry in the region. This can be done by establishing a tourism advisory group for the study area. This group will be the key source of information regarding tourism activities and resource needs. Regular and ongoing contact with this advisory group will be very important in developing an inventory that has the confidence of the tourism operators in the region. These industry representatives will also provide the knowledge and experience to ensure that tourism information is accurate and that capability models are realistic. Group members should represent the range of tourism products offered in the region.

The ease of establishing and using a tourism industry advisory group will depend on the nature of the tourism industry in the region to be studied. Some regions may have tourism associations which can provide an initial point of contact and can facilitate setting up the advisory group. The tourism industry in less developed regions may be more isolated and less organized, thus requiring more direct contact with individual operators.

During this phase of the inventory there should be an initial meeting with the tourism industry focusing on the role of the industry representatives. Other aspects of the inventory that should be discussed include:

- Review overall inventory approach and purpose.
- Confirm list of existing tourism products in the region. Identify tourism products for capability mapping.
- Identify tourism resource data required for capability mapping.
- Schedule additional advisory group meetings throughout the inventory process.

Following the initial meeting with the advisory group, the inventory work plan should be revised to confirm those products for which capability will be modeled and what resource data is required for these models.

3.3.4 Progress Report

At the completion of this phase a progress report should be prepared. This report will include the finalized inventory work plan, plus a status report on the compilation of the digital base map. The report should also include a discussion of the results of the first advisory group meeting.

3.4 Collect Resource and Existing Tourism Use Data

This is the data collection phase of the inventory. Resource data identified in phase one must be collected and translated into a format suitable for capability modeling. Existing tourism use data must be collected according to the standards described in Chapter 4. Quality input from the tourism industry is essential to the collection of existing use information. It is therefore important to ensure that a good working relationship with the industry is maintained throughout this phase.

3.4.1 Collecting Resource Data

Most of the resource data required for the tourism resource inventory can be obtained by contacting the government agencies responsible for collecting the data. Table III provides a list of resource data sets and acknowledged sources for this data. In many cases, resource data obtained from other government agencies will need to be translated into Arc/Info format or digitized before it can be used in the inventory.

The scenic resources coverage is the only resource data set which can not be obtained from an existing source. The scenic resources must be interpreted from satellite imagery, forest cover maps, Baseline Thematic Mapping (BTM) and National Topographic Series (NTS) maps.

A new methodology is currently being developed for assessing scenic quality. When the new methodology has been finalized, standards and procedures for scenic quality modeling will be added to this manual.

3.4.2 Collecting Existing Use Data

The objective when collecting existing tourism use data is to get as complete a picture as possible of the existing tourism industry within the study area. However, due to the nature of the industry, it is impossible to collect information about every tourism operation. Contact with the advisory group is essential to collect this data since advisory group members should have a good understanding of the tourism industry in their region and should be able to point out gaps in the existing use data.

To collect existing use data the first step is to create a list of tourism operators. This list can be built from a number of sources including:

- Accommodation Guide;
- BC Bed & Breakfast Guide;
- Product Guide;
- tourism associations;
- phone book;
- BC Parks;
- brochures;
- guide books; etc.

The next step is to send each tourism operator a package which includes the following items:

- a letter explaining the inventory project and its value to the tourism industry;
- a survey to be filled out by the operator; and
- map on which the operator can draw his or her use area (if any).

Appendix B contains a sample copy of the letter explaining the inventory project and Appendix C contains a blank survey form. The map should be a photocopy of the portion of a 1:50,000 topographic map that is relevant to the operator or a custom basemap at an appropriate scale.

When an inventory is being updated it is very important to fill in with existing data, as much of the survey form as possible and to add the operators' known use area on the map before sending these to the operator. The operator should then be asked to confirm that this information is correct and to add any new information. Including known information on the survey and map will indicate to the operator that the information he or she provided in a previous survey has been entered into the Ministry database and is being used.

Included in the inventory package sent to each operator should be a phone number which the operator can call for information, and a deadline for completion of the survey. As the deadline approaches, each operator should be contacted by phone and encouraged to complete the survey.

In some cases it may be possible to use the people on the advisory group to help promote completion of the survey and map. For example the advisory group may include a representative of a tourism association such as the BC Fishing Resort Operators Association (BCFROA). A letter from this representative to each of the association members can help to ensure the surveys and maps are filled out. (If the study area is small direct, contact with all of the operators is encouraged.)

When the surveys and maps have been completed, the information should be entered into the GIS according to the standards described in Chapter 4. The information can then be printed and reviewed by the advisory group for comments on accuracy and completeness.

Existing use information should then be reviewed in the field. This can be done either by interviews with individual operators or by having open houses in a number of communities and inviting operators to review the information. The objective of these meetings and interviews is to confirm that the existing use data is accurate and to ask operators for the names of any people that have not been included.

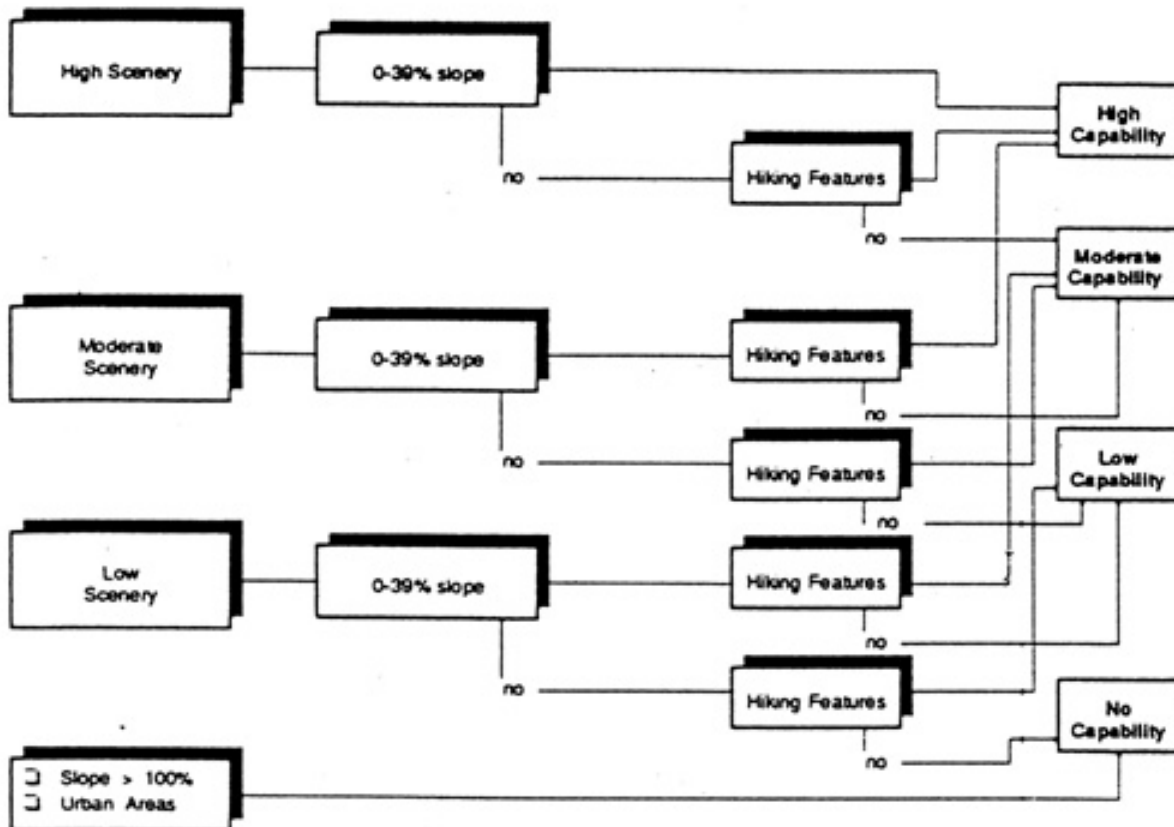
3.4.3 Progress Report

Since completion of this phase is not required before the next phase can be started, the progress report does not require that this phase be completed. The progress report, however, should be submitted before the next phase is started. This report should include a list of all natural and cultural resource data sets that have been collected. Included with this list should be meta data indicating the source, scale, completeness, update cycle, and potential problems with each data set. The report should also include an update on the status of existing use data collection.

3.5 Develop Tourism Capability Models and Maps

As a result of the work done in phase 1, there now exists a list of tourism products for which capability will be determined and a list of the natural and cultural resources used by each of these products. In this phase of the Inventory tourism capability models for each product are developed. These models describe how the resource data is combined to identify areas of high, moderate and low capability for a given tourism product. Figure 2 is a graphical representation of a tourism capability model for hiking/backpacking. Once these models are complete, draft tourism capability maps will be produced.

Figure 2



3.5.1 Develop Capability Models

A capability model is a set of rules which defines how natural, cultural and infrastructural resources combine to create capability for a given tourism product. The first step in developing a tourism capability model is to identify which natural resources are essential to the product. In the hiking/backpacking example, it is essential that the land be non-urban and that it have a slope less than 100%. All areas which do not meet these criteria will have no capability for hiking/backpacking .

The next step in developing a tourism capability model is to examine how the natural resources used by a given tourism product combine to effect the quality of that product. For example, which combination of natural resources result in a setting which would contribute to a high quality product. In the hiking/backpacking example, the quality of the product is effected by scenery, slope and by the presence or absence of certain features such as waterfalls, heritage sites or wildlife viewing sites. In areas where there is high scenic quality and the slope is less than 40% there will be high capability for hiking/backpacking. In areas of only moderate scenic quality the slope must be less than 40% and hiking features must be present in order for the area to have high capability.

Throughout this process it is important to consult with the advisory group in order to make use of their expert knowledge concerning what makes an area have high capability for a given product.

3.5.2 Intermediate Analysis

In some cases intermediate analysis of the raw resource data is required before the information is ready to be used in the capability models. The following is a list of the resource coverages that require intermediate analysis:

- Biogeoclimatic;
- Scenery;
- Heritage/Culture;
- Wildlife; and
- Features .

BIOGEOCLIMATIC

Biogeoclimatic zone mapping has been developed to provide descriptions of the -land which take into account biological data such as vegetation; geological data such as soils and climatic data. This information can be extremely important for modeling the capability of many tourism products. For example backcountry skiing requires snow and can be enhanced- by certain weather and vegetation conditions. Before the biogeoclimatic data can be used in a capability model, however, it must be interpreted to show which areas have the characteristics important to tourism. This interpretation should be done by a contractor who has knowledge and experience working biogeoclimatic data.

The following is a list of attributes which can be interpreted from biogeoclimatic data for use in capability modeling:

- mean annual snow fall;
- duration of snow;
- terrain access (openness of vegetation);
- views (based on elevation and vegetation);
- freezing period;
- wildlife viewing potential
- snow moisture;
- chance of summer precipitation;
- chance of winter precipitation;
- average summer temperature; and
- average winter temperature.

Given these attributes it is possible to create a coverage in which the landscape is classified into areas having High, Moderate or Low biogeoclimatic characteristics for each of the products being modeled for capability. This intermediate coverage can then be fed directly into the capability models. The exact method of combining the biogeoclimatic attributes to produce this intermediate coverage will depend on the product being-modeled and on input from the advisory group.

SCENERY

This section will be updated once the new methodology for modeling scenic quality has been finalized.

HERITAGE/CULTURE

Heritage and culture features need to be interpreted to assess their value to tourism and to assess their ability to withstand tourism activities. For example a heritage site consisting of a physical structure which has been interpreted and which is capable of withstanding a high degree of tourism use, such as Barkerville, has more value to tourism than a site with no physical structures, no interpretation, or which is not able withstand use. Heritage features should be ranked as having High, Moderate or Low value to tourism, then given a 1km buffer before they are ready for use in a capability model.

Ranking of heritage features for their value to tourism should be done by an expert in the heritage/culture field.

WILDLIFE

Typically there are a number of resource data sets concerning wildlife. These include:

- terrestrial mammal distribution data;
- marine mammal data;
- habitat data;
- fisheries data;
- bird nesting areas data; and .
- wildlife viewing potential derived from biogeoclimatic data.

In order for this data to have value for capability modeling, intermediate coverages must be created that show those areas which have High, Moderate or Low potential for wildlife viewing, hunting or fishing. For the intermediate wildlife viewing coverage, the wildlife data needs to be classified based on the opportunity for a tourist to observe wildlife on the type of wildlife that is most important to tourism.

For the fishing intermediate coverage, the fisheries data needs to be classified, based on the species of fish which have value to anglers and the quality of species (i.e. whether trophy size fish are available). For the hunting intermediate coverage the wildlife data needs to be ranked based on the ability for a tourist to encounter appropriate wildlife.

Ranking of wildlife data for viewing, fishing and hunting should be done by an expert on wildlife information.

FEATURES

There are many natural, cultural and infrastructural features which can enhance the capability of an area to support tourism. For example the presence of a hotspring or a cabin can enhance a backpacking experience. The following is a list of features which can enhance tourism capability:

• Canyon/Gorge	• Ski Lift
• Glacier/Ice Mass	• Trails
• Cave	• Sandy Beaches
• Lakes	• Wildlife Viewing
• Large Rivers	• Waterfalls
• Hotsprings	• Lake Fish
• River Fish	• Heritage features
• Parks	• MoF Recreation Sites
• Cabins	• Ice Fishing

These features can be combined in various ways (according to the capability model) to create an intermediate analysis coverage showing those areas that have features which will enhance capability for a given product.

3.5.3 Prepare Draft Capability Maps

When the capability models have been defined and the intermediate analysis coverages have been created the next step is to run the model and produce hardcopy draft tourism capability maps. These maps should cover the entire study area and should be at a scale as close as possible to 1:250,000. Features such as roads, rivers, lakes and communities should be included to assist in locating areas on the maps. The maps will be used by the advisory group to assess the accuracy of the capability model.

3.5.4 Progress Report

This report should include descriptions and graphic representations of each of the capability models.

3.6 Finalize Capability and Complete Deliverables

One of the objectives of phase 3 was to produce a series of hardcopy maps depicting capability for the tourism products identified in phase 1. The first objective of this phase is to review these maps with both the ministry and the advisory group, then to incorporate changes where needed. The second objective is to produce a: draft user manual for the inventory and to have this manual reviewed by the ministry. The final objective is to complete the deliverables stated in the work plan and submit these to the ministry.

3.6.1 Capability Map Review and Revision

The accuracy of the draft capability maps created in phase 3 must to be checked by both the ministry and the advisory group. This review of the maps should ensure that the capability models have been implemented correctly and that there are no obvious errors. The first hand knowledge of the members of the advisory group provides a measure of "ground truthing" for the capability maps.

In cases where this review identifies significant problems in the capability maps the first step should be to check the resource data to make sure it is accurate. The next step is to review and if necessary, revise the capability model. It is possible that several iterations of the capability maps will be required before a version is produced that best represents the reality of the region. An advisory group review of each iteration is essential to creating a capability map which is as accurate as possible.

Once the capability maps have been accepted by both the ministry and the advisory group final copies of each map should be produced. At this time there is no standard for production of hardcopy tourism capability maps.

3.6.2 User Manual

The second goal of this phase is to produce a user manual for the inventory. The user manual will provide a complete description of each of the existing use, resource, intermediate analysis and capability coverages including, data sources, data limitations and recommendations for updating and proposed adjustments to the data structure outlined in Chapter 4 and Chapter 5. The manual should also provide a complete description of each of the capability models and a list of the members of the advisory group. Finally the manual should include an appendix documenting any tourism operator comments that could not be incorporated into the existing use coverages. The manual should be reviewed by the ministry and revised if necessary before the final copy is submitted.

3.6.3 Submit Deliverables

Once the capability maps and manual have been finalized and the existing tourism use information has been collected and digitized, all of the deliverables described in the work plan should be submitted to the ministry. These will include all digital files in Arc/Info format created according to the standards described in Chapter 4 and Chapter 5, the user manual and a set of hardcopy maps depicting tourism capability for each product modeled as part of the inventory.

4.0 Existing Tourism Use Inventory

4.1 Purpose

This chapter will describe the coverages and attributes that make up the existing tourism use portion of the tourism resource inventory.

4.2 What is Existing Tourism Use?

Existing tourism use includes features, facilities, services, and land and water areas which are important to existing tourism operations. Data in this portion of the inventory ranges from roads which provide access for tourism operators and tourists, to viewscapes important to tourism operations, to facilities such as fishing lodges, museums and hotels. Many tourism operations are made up of a number of components which are stored in separate coverages within this portion of the inventory. In these cases a unique identifier is given to each component of the operation so they can be linked together. Section 4.23 describes in detail how these coverages are linked.

4.3 Accommodations

The accommodations coverage contains the location and information about tourism facilities where people can spend the night. The following is a description of the attributes associated with each accommodation facility.

4.3.1 Name

Name of the tourism facility.

4.3.2 Contact

Name of the contact person for the accommodation facility.

4.3.3 Address1

Self-explanatory.

4.3.4 Address2

Self-explanatory.

4.3.5 City

Community with which the accommodation facility is associated.

4.3.6 Code

Postal code.

4.3.7 Phone1

Phone number (including area code).

4.3.8 Phone2

Alternate phone number (including area code).

4.3.9 Fax

Fax number (including area code).

4.3.10 Location

Description of the accommodation facility's location if different from the city.

4.3.11 Type

Type of accommodation facility as listed below.

a Hotel	h Fishing Lodge
b Motel	i Condominiums
c RV Park/Campground (Private)	j Campground (Public)
d Lodge/Resort	k Camp (fishing/guiding)
e Cabins	u Unknown
f Guest Ranch	x Other
g Bed & Breakfast	

In many cases a facility may include several of the above accommodation types. For example a facility may be made up of a lodge, cabins and a campground. In these cases, each type should be included in a space delimited format.

4.3.12 Units

The number of roofed sleeping units.

4.3.13 Sites

The number of camping and RV sites.

4.3.14 Use

Level of use summary for the accommodation facility. This data serves as a surrogate for actual occupancy data and gives an indication of the potential for expansion. Level of use is measured as high, moderate, low or N/A for each of the for seasons. The following coding system is used for this attribute:

Season	Use Level
A Summer (July-Aug)	0 Not available
B Fall (Sept-Nov)	1 Low (0% to 54% of capacity)
C Winter (Dec-Mar)	2 Medium (55~o to 84% of capacity)
D Spring (Apr-June)	3 High (85% to 100% of capacity)

For a facility that has high use in the summer and is closed for the rest of the year this attribute would be coded as follows: A1 B0 C0 D0.

4.3.15 Tenure

Type of tenure for the accommodation facility if any.

4.3.16 Employee

Number of people employed by the accommodation facility. Expressed as full time equivalents during peak operating season.

4.3.17 Services

Services and activities offered by the accommodation facility. Possible services and coding are listed below.

a Sports facilities (i.e. pool, gym, driving range)

b Sports equipment rental

c Marina

d Restaurant

e Conference facilities

f Pub

g Biking trails

h Gem/mineral hunting tours

i Cultural tours

j Hiking tours

 j1 traditional

 j2 heli-hiking

k Trail riding tours

l Guided hunting

m Photo tours

n Snowmobile tours

o Wildlife viewing tours

p Boating tours

q Canoe tours

r Kayak tours

s Scuba tours

t Fishing

 t1 guided

 t2 unguided

u River rafting tours

v Aircraft charters

 v1 wheeled

 v2 float

 v3 helicopter

w Skiing

 w1 cross country

 w2 downhill

 w3 hell-skiing

A Sani dump

B Hook ups

- C Showers
- D Store
- E Playground
- F Laundry
- G Pay phone
- H Boat launch
- I Fishing and Hunting licenses.

In cases where an accommodation facility offer more than one service, all services should be listed in spaced delimited format.

4.3.18 Season

Months of operation for the accommodation facilities as listed below. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

4.3.19 Comments

This attribute is for operator comments that do not fit with any of the other attributes.

4.3.20 Update

Date that the information for this accommodation facility was last updated.

4.3.21 Source

Source of the information for this accommodation facility.

4.3.22 District

Ministry of Forest District in which this accommodation facility is located.

4.3.23 Region

Ministry of Forests region in which this accommodation facility is located.

4.3.24 Landcode

Unique ID for linking to the BC Lands Commercial Backcountry Recreation Inventory.

4.3.25 Accode

Unique ID for linking this accommodation facility with other coverages (such as use areas) within the existing tourism use inventory.

4.4 Attractions

This coverage contains the location and information about tourism attractions such as restaurants, museums and gift shops. The following is a description of the attributes association with each accommodation facility.

4.4.1 Name

Name of the tourism attraction.

4.4.2 Contact

Name of the contact person for the attraction.

4.4.3 Address1

Self-explanatory.

4.4.4 Address2

Self-explanatory.

4.4.5 City

Community with which the attraction is associated.

4.4.6 Code

Postal code.

4.4.7 Phone1

Phone number (including area code).

4.4.8 Phone2

Alternate phone number (including area code).

4.4.9 Fax

Fax number (including area code).

4.4.10 Location

Description of the attraction's location if different from the city.

4.4.11 Type

Type of attraction as listed below.

a Museum

b Arts/Cultural attraction

c Recreation attraction

d Industry attraction

e Winery or brewery

f Science/nature oriented attraction

x Other

4.4.12 Services

Services and activities offered by the accommodation facility. Possible services and coding are listed below.

- a Restaurant
- b Gift shop
- c Guided tours
- x Other

4.4.13 Season

Months of operation for the attraction as listed below. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

4.4.14 Comments

This attribute is for operator comments that do not fit with any of the other attributes.

4.4.15 Update

Date that the information for this attraction was last updated.

4.4.16 Source

Source of the information for this attraction.

4.4.17 District

Ministry of Forest District in which this attraction is located.

4.4.18 Region

Ministry of Forests region in which this attraction is located.

4.4.19 Landcode

Unique ID for linking to the BC Lands Commercial Backcountry Recreation Inventory where applicable.

4.4.20 Atcode

Unique ID for linking this attraction to an associated use area where applicable.

4.4.21 Accode

Unique ID for linking this attraction to an associated accommodation facility where applicable.

4.5 Marinas

This coverage contains the location and information about both fresh and salt water marinas and boat ramps. The following is a description of the attributes association with each marina.

4.5.1 Name

Name of the marina.

4.5.2 Contact

Name of the contact person for the marina.

4.5.3 Address1

Self-explanatory.

4.5.4 Address2

Self-explanatory.

4.5.5 City

Community with which the marina is associated.

4.5.6 Code

Postal code.

4.5.7 Phone1

Phone number (including area code).

4.5.8 Phone2

Alternate phone number (including area code).

4.5.9 Fax

Fax number (including area code).

4.5.10 Location

Description of the marina's location if different from the city.

4.5.11 Type

Type of marina as listed below. Public Private Boat Ramp

4.5.12 Size

Number of slips available at the marina.

4.5.13 Services

Services and activities offered by the marina. Possible services and coding are listed below.

a Fuel	g Boat rental
b Transient moorage	h Boat charters
c Boat ramp	i Guided fishing
d Marina supplies	j Wildlife viewing
e Restaurant	k Kayak/canoe rental
f Bar	l Scuba tours
	x Other

4.5.14 Season

Months of operation for the marina as listed below. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

4.5.15 Comments

This attribute is for comments that do not fit with any of the other attributes.

4.5.16 Update

Date that the information for this marina was last updated.

4.5.17 Source

Source of the information for this marina.

4.5.18 District

Ministry of Forest District in which this marina is located.

4.5.19 Region

Ministry of Forests region in which this marina is located.

4.5.20 Landcode

Unique ID for linking to the BC Lands Commercial Backcountry Recreation Inventory where applicable.

4.5.21 Accode

Unique ID for linking this marina to an associated accommodation facility where applicable.

4.6 Backcountry Huts/Cabins

This coverage contains the location and information about backcountry huts and cabins. The following is a description of the attributes association with each hut/cabin.

4.6.1 Name

Name of the hut/cabin.

4.6.2 Contact

Name of the contact person for the hut/cabin.

4.6.3 Location

Description of the location of the hut/cabin.

4.6.4 Daynight

This attribute is coded as follows:

day - hut/cabin is available for day use only;

night - hut/cabin is available for overnight use.

4.6.5 Public

This attribute is coded as follows:

Y - available for public use;

N - not available for public use.

4.6.6 Season

Months of operation for the marina as listed below. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

4.6.7 Comments

This attribute is for comments that do not fit with any of the other attributes.

4.6.8 Update

Date that the information for this hut/cabin was last updated.

4.6.9 Source

Source of the information for this hut/cabin.

4.6.10 District

Ministry of Forest District in which this hut/cabin is located.

4.6.11 Region

Ministry of Forests region in which this hut/cabin is located.

4.6.12 Landcode

Unique ID for linking to the BC Lands Commercial Backcountry Recreation Inventory where applicable.

4.6.13 Accode

Unique ID for linking this hut/cabin to an associated accommodation facility where applicable.

4.7 Tour Operators

This coverage contains the location and information about tourism operators who offer tours . The following is a description of the attributes association with each tour operator.

4.7.1 Name

Name of the operation.

4.7.2 Contact

Name of the contact person for the operation.

4.7.3 Address1

Self-explanatory.

4.7.4 Address2

Self-explanatory.

4.7.5 City

Community with which the operation is associated.

4.7.6 Code

Postal code.

4.7.7 Phone1

Phone number (including area code).

4.7.8 Phone2

Alternate phone number (including area code).

4.7.9 Fax

Fax number (including area code).

4.7.10 Location

Description of the operation's location if different from the city.

4.7.11 Type

Type of tour offered as listed below.

- a Bicycle
- b Gem/Mineral hunting
- c Cultural
- d Hiking
 - d1 traditional
 - d2 heli-hiking
- e Trial riding
- f Guided hunting
- g Photography
- h Snowmobile
- i Wildlife viewing
- j Boating
- k Canoe
- l Kayak
- m Scuba
- n Guided fishing
- o River rafting
- p Aircraft charters
 - p1 wheeled
 - p2 float
 - p3 helicopter
- q Skiing
 - q1 cross country
 - q2 heli-skiing
- r Bus
- s Rail

4.7.12 Duration

Tour duration in days.

4.7.13 Rentals

This attribute is coded as follows:

- Y - rentals are available;
- N - rentals are not available.

4.7.14 Instruction

This attribute is coded as follows:

- Y - instructions/lessons are available;
- N - instructions/lessons are not available.

4.7.15 Permit

This attribute is coded as follows:

Y - operation does have a park permit;
N - operation does not have a park permit.

4.7.16 Season

Months of operation as listed below. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

4.7.17 Comments

This attribute is for operator comments that do not fit with any of the other attributes .

4.7.17 Update

Date that the information for this operation was last updated.

4.7.18 Source

Source of the information for this operation.

4.7.19 District

Ministry of Forest District in which the base for this operation is located.

4.7.20 Region

Ministry of Forests region in which the base for this operation is located.

4.7.21 Landcode

Unique ID for linking to the BC Lands Commercial Backcountry Recreation Inventory where applicable.

4.7.22 Tocode

Unique ID for linking this operation to an associated use area where applicable.

4.7.23 Accode

Unique ID for linking this operation to an associated accommodation facility where applicable.

4.8 Ski Facilities

This coverage contains the location and information about downhill ski facilities. The following is a description of the attributes association with each ski facility.

4.8.1 Name

Name of the ski facility.

4.8.2 Contact

Name of the contact person for the ski facility.

4.8.3 Address1

Self-explanatory.

4.8.4 Address2

Self-explanatory.

4.8.5 City

Community with which the ski facility is associated.

4.8.6 Code

Postal code.

4.8.7 Phone1

Phone number (including area code).

4.8.8 Phone2

Alternate phone number (including area code).

4.8.9 Fax

Fax number (including area code).

4.8.10 Location

Description of the ski facility's location if different from the city.

4.8.11 Vertical

Metres of vertical drop.

4.8.12 Runs

Number of ski runs.

4.8.13 Trams

Number of trams lines or gondola lines.

4.8.14 Chairs

Number of chair lifts.

4.8.15 Tows

Number of t-bars and/or rope tows.

4.8.16 Track

Length of track set nordic trails in kilometers.

4.8.17 Notrack

Length of untracked nordic trails in kilometers.

4.8.18 Services

Services and activities offered by the ski hill. Possible services and coding are listed below.

a Restaurant	e Night skiing
b Bar	g Conference facilities
c Rentals	h Child care facilities
d Lessons	

4.8.19 Season

Months of operation as listed below. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

4.8.20 Comments

This attribute is for operator comments that do not fit with any of the other attributes.

4.8.21 Update

Date that the information for this ski hill was last updated.

4.8.22 Source

Source of the information for this ski hill.

4.8.22 District

Ministry of Forest District in which this ski hill is located.

4.8.23 Region

Ministry of Forests region in which this ski hill is located.

4.8.24 Landcode

Unique ID for linking to the BC Lands Commercial Backcountry Recreation Inventory where applicable.

4.8.25 Skicode

Unique ID for linking this ski hill to an associated use area where applicable.

4.8.26

Accode Unique ID for linking this ski hill to an associated accommodation facility where applicable.

4.9 Golf Courses

This coverage contains the location and information about golf courses. The following is a description of the attributes association with each golf course.

4.9.1 Name

Name of the golf course.

4.9.2 Contact

Name of the contact person for the golf course.

4.9.3 Address1

Self-explanatory.

4.9.4 Address2

Self-explanatory.

4.9.5 City

Community with which the golf course is associated.

4.9.6 Code

Postal code.

4.9.7 Phone1

Phone number (including area code).

4.9.8 Phone2

Alternate phone number (including area code).

4.9.9 Fax

Fax number (including area code).

4.9.10 Location

Description of the golf course's location if different from the city.

4.9.11 Type

This attribute is coded as follows:

Pr Private;

Pu Public;

Sp Semi-private.

4.9.12 Holes

Self-explanatory.

4.9.13 Par
Par from the men's tee

4.9.14 Yards
Total yardage from the men's tee.

4.9.15 Services
Services and activities offered by the golf course. Possible services and coding are listed below.

a Restaurant	e Pro shop
b Bar	f Conference facilities
c Rentals	g Driving range
d Lessons	

4.9.16 Season Months of operation as listed below. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

4.9.17 Comments
This attribute is for operator comments that do not fit with any of the other attributes.

4.9.18 Update
Date that the information for this golf course was last updated.

4.9.19 Source
Source of the information for this golf course.

4.9.20 District
Ministry of Forest District in which this golf course is located.

4.9.21 Region
Ministry of Forests region in which this golf course is located.

4.9.22 Landcode
Unique ID for linking to the BC Lands Commercial Backcountry Recreation inventory where applicable.

4.9.23 Accode
Unique ID for linking this golf course to an associated accommodation facility where applicable.

4.10 Use Areas

This coverage contains the location and information about tourism use areas. Use areas are defined as any area where a tourism operator takes his or her customers. For a description of how use areas are linked to facilities see 4.22. The following is a description of the attributes association with each use area.

4.10.1 Type

Type of activity occurring in the use area. In cases where an area contains more than one activity, all activities will be listed in a space delimited format. Coding for this attribute follows the Ministry of Forest Recreation Resource Inventory Standards and Procedures for recreation activity codes.

4.10.2 Comments

This attribute is for operator comments that do not fit with any of the other attributes. This field will also describe the activities in the area if they do not fit with those listed under **type**.

4.10.3 Update

Date that the information for this use area was last updated.

4.10.4 Source

Source of the information for this use area.

4.10.5 District

Ministry of Forest District in which this use area is located.

4.10.6 Region

Ministry of Forests region in which this use area is located.

4.10.7 Landcode

Unique ID for linking to the BC Lands Commercial Backcountry Recreation Inventory where applicable.

4.10.8 Usecode

Unique ID for linking this use area to an associated facility, feature or viewscape.

4.11 Guide Outfitter Territories

This coverage contains the location and information about guide outfitter territories as managed by the Ministry of Environment, Lands and Parks. The following is a description of the attributes association with each use area.

4.11.1 Name

Name of the guide outfitter.

4.11.2 Address1
Self-explanatory.

4.11.3 Address2
Self-explanatory.

4.11.4 City
Community with which the guide outfitter is associated.

4.11.5 Code
Postal code.

4.11.6 Phone1
Phone number (including area code).

4.11.7 Phone2
Alternate phone number (including area code).

4.11.8 Fax
Fax number (including area code).

4.11.9 Location
Description of the guide outfitter's location.

4.11.10 Species
This attribute contains a list of the species available for hunting within the guiding territory. This attribute is coded as follows:

a Black bear	g Deer
b Grizzly bear	h Elk
c Caribou	i Moose
d Cougar	j Mountain Sheep
e Mountain Goat	k Wolf
f Guided fishing	x other

4.11.11 Comments
This attribute is for operator comments that do not fit with any of the other attributes .

4.11.12 Update
Date that the information for this guide outfitter territory was last updated.

4.11.13 Source
Source of the information for this guide outfitter territory.

4.11.14 District

Ministry of Forest District in which this guide outfitter territory is located.

4.11.15 Region

Ministry of Forests region in which this guide outfitter territory is located.

4.11.16 Accode

Unique ID for linking this guide outfitter territory to an associated accommodation facility where applicable.

4.12 Viewscapes

This coverage contains the location and information about viewscapes important to tourism operations. For a description of how use areas are linked to facilities see section 4.22. The following is a description of the attributes association with each viewcape.

4.12.1 Comments

This attribute is for operator comments that do not fit with any of the other attributes.

4.12.2 Update

Date that the information for this viewcape was last updated.

4.12.3 Source

Source of the information for this viewcape.

4.12.4 District Ministry of Forest District in which this viewcape is located.

4.12.5 Region

Ministry of Forests region in which this viewcape is located.

4.12.6 Viewcode

Unique ID for linking this viewcape to an associated facility or use area.

4.13 Features

This coverage contains the location and information about natural and cultural features important to tourism operations. The following is a description of the attributes association with each feature.

4.13.1 Feature

Type of feature. In cases where there is more than one feature at a given location, all features will be listed in a space delimited format. Coding for this attribute follows the Ministry of Forest Recreation Resource Inventory Standards and Procedures for recreation feature codes.

4.13.2 Type

Type of activity associated with this feature. In cases where there is more than one activity, all activities will be listed in a space delimited format. Coding for this attribute follows the Ministry of Forest Recreation Resource Inventory Standards and Procedures for recreation activity codes.

4.13.3 Comments

This attribute is for operator comments that do not fit with any of the other attributes. This field will also describe the features that do not fit with those listed under type.

4.13.4 Update

Date that the information for this feature was last updated.

4.13.5 Source

Source of the information for this feature.

4.13.6 District

Ministry of Forest District in which this feature is located.

4.13.7 Region

Ministry of Forests region in which this feature is located.

4.13.8 Landcode

Unique ID for linking to the BC Lands Commercial Backcountry Recreation Inventory where applicable.

4.13.9 Featcode

Unique ID for linking this feature to an associated facility, use area..

4.14 Trails

This coverage contains the location and information about trails important to tourism operations. The following is a description of the attributes association with each trail.

4.14.1 Length

Total length of the trail in kilometers.

4.14.2 Type

This attribute will be coded as follows:

- a Hiking
- b Biking
- c Skiing
- d Snowmobiling

e Horseback riding
x other

4.14.3 Comments

This attribute is for operator comments that do not fit with any of the other attributes.

4.14.4 Update

Date that the information for this trail was last updated.

4.14.5 Source

Source of the information for this trail.

4.14.6 District

Ministry of Forest District in which this trail is located.

4.14.7 Region

Ministry of Forests region in which this trail is located.

4.14.8 Trailcode

Unique ID for linking this trail to an associated facility or use area.

4.15 Water Based Travel Routes

This coverage contains the location and information about water based travel routes important to tourism operations. This includes both private travel routes and provincial ferry routes. The following is a description of the attributes association with each trail.

4.15.1 Type

This attribute would be coded as follows:

- a Public/BC ferry route
- b Cruise ship route
- c Private ferry route
- d Travel route of commercial tourism operation (i.e. whale watching)
- x Other

4.15.2 Comments

This attribute is for operator comments that do not fit with any of the other attributes.

4.15.3 Update

Date that the information for this water based travel route was last updated.

4.15.4 Source

Source of the information for this water based travel route.

4.15.5 District

Ministry of Forest District in which this water based travel route is located.

4.15.6 Region

Ministry of Forests region in which this water based travel route is located.

4.15.7 Wcode

Unique ID for linking this water based travel route to an associated facility or use area.

4.16 Parks

At the scale of 1:250,000 some parks are too small to be mapped as polygons. For this reason parks will be stored in two coverages. A point coverage for small parks (less than 25 ha) and a polygon coverage for all other parks. These coverages will contain the location and information about provincial, national and regional parks. The following is a description of the attributes association with each parks.

4.16.1 Name

Park name.

4.16.2 Type

This attribute will be coded as follows:

N National Park

P Provincial Park

R Region Park

4.16.3

Sites Number of campsites within the park accessible by vehicle.

4.16.4 Trailkm

Total length of trails within the park (in kilometers).

4.16.5 Skikm

Total length of nordic skiing trails within the park (in kilometers). ~

4.16.6 Services

Services and activities offered within the park. Possible services and coding are listed below.

a Lodge	e Interpretive programs
b Food	f Boat ramp
c Store	g Backcountry camping
d Showers	x other

4.16.7 Season

Months of operation for park facilities as listed below. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

4.16.8 Comments

This attribute is for comments that do not fit with any of the other attributes.

4.16.9 Update

Date that the information for this park was last updated.

4.16.10 Source

Source of the information for this park.

4.16.11 District

Ministry of Forest District in which this park is located.

4.16.12 Region

Ministry of Forests region in which this park is located.

4.16.13 Accode

Unique ID for linking this park to an associated accommodation facility where applicable.

4.17 Communities

At the scale of 1:250,000 some communities are represented by points and others will be represented by polygons. For this reason communities are stored in two coverages. A point coverage for small communities (as defined by the British Columbia Specifications and Guidelines for Geomatics, Volume 2) and a polygon coverage for larger communities. These coverages will contain the location and information about communities. The following is a description of the attributes association with each community.

4.17.1 Name

Community name.

4.17.2 Population

Community name.

4.17.3 Comments

This attribute is for comments that do not fit with any of the other attributes.

4.17.4 Update

Date that the information for this community was last updated.

4.17.5 Source

Source of the information for this community.

4.17.6 District

Ministry of Forest District in which this community is located.

4.17.7 Region

Ministry of Forests region in which this community is located.

4.18 Roads

This coverage will contain roads. At a minimum this will include all roads found on the Ministry of Environment, Lands and Parks Digital Baseline Mapping at 1:250,000 files. The following is a description of the attributes association with each community.

4.18.1 Name

Name or number associated with the road if any.

4.18.2 Highway

This attribute will be coded as follows:

Y - numbered provincial highway

N - other road.

4.18.3 Troute

This attribute will be coded as follows:

Y - road identified as being important for tourism

N - other road.

4.18.4 Type

This attribute will be coded as follows:

a Paved roads with more than 2 lanes

b Paved roads with 2 lanes

c Dirt or gravel road

d Logging road

e Four wheel drive only road

4.18.5 Update

Date that the information for this road was; last updated.

4.18.6 Source

Source of the information for this road.

4.18.7 District

Ministry of Forest District in which this road is located.

4.18.8 Region

Ministry of Forests region in which this road is located.

4.19 Rivers

This coverage will contain single line rivers. At a minimum this will include all rivers represented by a single line on the Ministry of Environment, Lands and Parks Digital Baseline Mapping at 1:250,000 files. The following is a description of the attributes association with each community.

4.19.1 Name

Name associated with the river if any.

4.19.2 Type

This attribute will be coded as follows:

Y Significant to tourism

N Not significant to tourism

4.19.3 Update

Date that the information for this river was last updated.

4.19.4 Source

Source of the information for this river.

4.19.5 District

Ministry of Forest District in which this river is located.

4.19.6 Region

Ministry of Forests region in which this river is located.

4.20 Major Rivers

This coverage will contain double line rivers. At a minimum this will include all rivers represented by two lines on the Ministry of Environment, Lands and Parks Digital Baseline Mapping at 1:250,000 files. The following is a description of the attributes association with each community.

4.20.1 Name

Name associated with the river if any.

4.20.2 Update

Date that the information for this river was last updated.

4.20.3 Source

Source of the information for this river.

4.20.4 District

Ministry of Forest District in which this river is located.

4.20.5 Region

Ministry of Forests region in which this river is located.

4.21 Lakes

This coverage will contain lakes. At a minimum this will include all lakes from the Ministry of Environment, Lands and Parks Digital Baseline Mapping at 1:250,000 files. Islands located within lakes should also be included in this coverage. The following is a description of the attributes association with each community.

4.21.1 Name

Name associated with the lake if any.

4.21.2 Island

This attribute will be coded as follows:

Y the polygon is an island within a lake

N the polygon is part of the lake itself

4.21.3

Type This attribute will be coded as follows:

Y Significant tourism

N Not significant to tourism

4.21.4 Update

Date that the information for this lake was last updated.

4.21.5 Source

Source of the information for this lake.

4.21.6 District

Ministry of Forest District in which this lake is located.

4.21.7 Region

Ministry of Forests region in which this lake is located.

4.22 Airports

This coverage will contain commercial airports and heliports. At a minimum this will include all ferry routes from the Ministry of Environment, Lands and Parks Digital Baseline Mapping at 1:250,000 files. No attributes are required for this coverage.

4.23 Linking Points to Polygons

In the existing use inventory there are many situations where it is important to be able to link a polygon feature, such as a use area, with a point feature, such as an accommodation facility. In many cases this link is a one to one relationship. For example one ski facility linked to a single use area. However, there are also where the relationship is many to one. For example, several accommodations may share on one viewscape or a there may be one tour operator who use a number of different use areas.

To facilitate many to many relationships the existing use inventory makes use of link tables. These tables break the many to many relationships down into a list of one to one relationships. The following is a simplified example of a link table used to link accommodation facilities with use areas.

Accode	Usecode
A	1
A	2
B	3
C	1
C	4

In this example accommodation "A" operates in use areas "1 " and "2", accommodation "B" operates in use area "3" and accommodation "C" operates in use areas "1 " and "4". This link table can be used in both Arc/Info and ArcView is facilitate the many to many relationship between accommodation facilities and use areas. It is esstentail that these tables be built as part of the inventory.

The following is a list of the link tables required for the existing tourism use inventory.

- Accommodation facilities / Use Areas
- Accommodation facilities / Viewscapes . Accommodation facilities / Features
- Accommodations facilities / Trails
- Accommodation facilities / Water based travel routes
- Attractions / Use Areas
- Attractions / Viewscapes
- Attractions / Features
- Attractions / Trails
- Attractions / Water based travel routes
- Ski facilities / Use areas
- Ski facilities / Viewscapes
- Ski facilities / Trails
- Tour Operators / Use areas
- Tour Operators / Viewscapes

- Tour Operators / Features
- Tour Operators / Trails
- Tour Operators / Water based travel routes

5.0 Tourism Capability Inventory

5.1 Purpose

This chapter will describe the coverages and attributes that make up the tourism capability portion of the tourism resource inventory. This includes: resource coverages; intermediate coverages; and capability coverages.

5.2 Resource Coverages

Resource coverages contain natural and cultural resource information which is important to tourism. This section describes the resource coverages which have been used to date. It is very likely that this list of coverages will change as more inventories for resources important to tourism are completed and brought up to RIC standards. Data for each of these coverages is to be obtained from provincially accepted sources (data collected to RIC standards wherever possible). Only in the case of scenic resources will new data be collected.

5.2.1 Geological Features

This coverage contains the location and information about geological features including caves, canyons/gorges, icefields, mountain peaks, and volcanic cones or lava flows. The following is a description of the attributes for this coverage.

5.2.1.1 Name

Name of the feature where available.

5.2.1.2 Type

This attribute will be coded as follows.

- a cave
- b ice field/glacier
- c canyon/gorge
- d volcanic element (cone/lava)
- e mountain peak
- f other

5.2.1.3 Access

This attribute will be coded as follows.

- f fly in access
- g gravel road access
- p paved road access
- t trail access
- w water access
- x no access

5.2.1.4 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.1.5 Update

Date that the information for this feature was last updated.

5.2.1.6 Source

Source of the information for this feature.

5.2.1.7 District

Ministry of Forest District in which this feature is located.

5.2.1.8 Region

Ministry of Forests Region in which this feature is located.

5.2.2 Water Features

This coverage contains the location and information about water related features including waterfalls, sandy beaches and hotspots. The following is a description of the attributes for this coverage.

5.2.2.1 Name

Name of the feature where available.

5.2.2.2 Type

This attribute will be coded as follows.

a waterfall

b hotspring

c sandy beaches

d tidal rapids or falls

f other

5.2.2.3 Access

This attribute will be coded as follows.

f fly in access

g gravel road access

p paved road access

t trail access

w water access

x no access

5.2.2.4 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.2.5 Update

Date that the information for this feature was last updated.

5.2.2.6 Source

Source of the information for this feature.

5.2.2.7 District

Ministry of Forest District in which this feature is located.

5.2.2.8 Region

Ministry of Forests Region in which this feature is located.

5.2.3 Whitewater Areas

This coverage contains the location and information about rivers suitable for whitewater activities. The following is a description of the attributes for this coverage.

5.2.3.1 Name

Name of the river where available.

5.2.3.2 Location

Describes the section of the river having these attributes.

5.2.3.3 Minimum Flow Class

Whitewater classification at time of minimum river flow volumes. The classification system is taken from the Ministry of Forest Recreation Resource Inventory Standards and Procedures as follows.

- 1 Class I
- 2 Class II
- 3 Class III
- 4 Class IV
- 5 Class V
- 6 Class VI
- 7 Class F
- 8 Class U
- 9 Class N

5.2.3.4 Maximum Flow Class

Whitewater classification at time of maximum river flow volumes. The classification system is taken from the Ministry of Forest Recreation Resource Inventory Standards and Procedures as follows.

- 1 Class I
- 2 Class II
- 3 Class III
- 4 Class IV
- 5 Class V
- 6 Class VI

7 Class F
8 Class U
9 Class N

5.2.3.5 Run Time

Approximate length of time required to complete this section of the river.

5.2.3.6 Shuttle Time

Approximate length of time required to return to the put-in location.

5.2.3.7 Access

This attribute will be coded as follows.

f fly in access
g gravel road access
p paved road access
t trail access
w water access
x no access

5.2.3.8 Optimal Season

Optimal season for running this section of the river. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

5.2.3.9 Season

Full season that this river can be run. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

5.2.3.10 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.3.11 Update

Date that the information for this river section was last updated.

5.2.3.12 Source

Source of the information for this river section.

5.2.3.13 District

Ministry of Forest District in which this river section is located.

5.2.3.14 Region

Ministry of Forest Region in which this river section is located.

5.2.4 Biogeoclimatic Zones

This coverage contains the Ministry of Forests biogeoclimatic zone information. Ministry of Forests standards for the attributes associated with this coverage are used.

5.2.5 Lake and River Fish Resources

This coverage contains the location and information about fresh water fish resources. The following is a description of the attributes for this coverage.

5.2.5.1 Name

Name of the lake or river.

5.2.5.2 Management Unit

Ministry of Environment, Lands and Parks management unit.

5.2.5c.3 Cutthroat Trout

This attribute will be coded as follows

0 cutthroat trout not present

1 present

2 stocked by MELP

5.2.5.4 Rainbow Trout

This attribute will be coded as follows

0 rainbow trout not present

1 present

2 stocked by MELP

5.2.5.5 Other Trout

This attribute will be coded as follows

0 other trout not present

1 present

2 stocked by MELP

5.2.5.6 Dolly Varden

This attribute will be coded as follows

0 Dolly Varden not present

1 present

2 stocked by MELP

5.2.5.7 Kokanee

This attribute will be coded as follows

Kokanee not present

1 present

2 stocked by MELP

5.2.5.8 Coastal Cutthroat

This attribute will be coded as follows

coastal cutthroat not present

1 present

2 stocked by MELP

5.2.5.9 Burbot

This attribute will be coded as follows

burbot not present

1 present

2 stocked by MELP

5.2.5.10 Bass

This attribute will be coded as follows

bass not present

1 present

2 stocked by MELP

5.2.5.11 Carp

This attribute will be coded as follows

carp not present

1 present

2 stocked by MELP

5.2.5.12 Steelhead Salmon

This attribute will be coded as follows

steelhead salmon not present

1 present

2 stocked by MELP

5.2.5.13 Spring Salmon

This attribute will be coded as follows

spring salmon not present

1 present

2 stocked by MELP

5.2.5.14 Coho Salmon

This attribute will be coded as follows

O coho salmon present

1 present

2 stocked by MELP

5.2.5.15 Chinook Salmon

This attribute will be coded as follows

O chinook salmon not present

1 present

2 stocked by MELP

5.2.5.16 Sturgeon

This attribute will be coded as follows

O sturgeon not present

1 present

2 stocked by MELP

5.2.5.17 Eulachan

This attribute will be coded as follows

O eulachan not present

1 present

2 stocked by MELP

5.2.5.18 Whitefish

This attribute will be coded as follows

O whitefish not present

1 present

2 stocked by MELP

5.2.5.19 Black Crappies

This attribute will be coded as follows

O black crappies not present

1 present

2 stocked by MELP

5.2.5.20 Access

This attribute will be coded as follows.

f fly in access

g gravel road access

p paved road access

t trail access

w water access

x no access

5.2.5.21 Season

Fishing season for this lake or river. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

5.2.5.22 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.5.23 Update

Date that the information for this lake or river was last updated.

5.2.5.24 Source

Source of the information for this lake or river.

5.2.5.25 District

Ministry of Forest District in which this lake or river is located.

5.2.5.26 Region

Ministry of Forest Region in which this lake or river is located.

5.2.6 Salt Water Fish Resources

This coverage contains the location and information about the salt water fisheries.

The following is a description of the attributes for this coverage.

5.2.6.1 Species

This attribute will be coded as follows according to whether these species are available in sufficient numbers for sports fishing.

Ch Chinook

Co Coho

Sp Spring

Os Other Salmon

Ha Halibut

Sh Shellfish

Ot Other

5.2.6.2 Season

Fishing season for this area. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

5.2.6.3 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.6.4 Update

Date that the information for this data was last updated.

5.2.6.5 Source

Source of the information for this data.

5.2.6.6 District

Ministry of Forest District in which this area is located.

5.2.6.7 Region

Ministry of Forest Region in which this area is located.

5.2.7 Birds

This coverage contains the location and information about birds suitable for wildlife viewing. The following is a description of the attributes for this coverage.

5.2.7.1 Terrestrial Birds Presence

This attribute will be coded as follows:

Y presence of terrestrial bird species suitable for wildlife viewing

N terrestrial bird species suitable for viewing not present

5.2.7.2 Terrestrial Bird Species

This attribute will be contain a list of the terrestrial bird species suitable for wildlife viewing found in this area.

5.2.7.3 Marine Birds Presence

This attribute will be coded as follows:

Y presence of marine bird species suitable for wildlife viewing

N marine bird species suitable for viewing not present

5.2.7.4 Marine Bird Species

This attribute will be contain a list of the marine bird species suitable for wildlife viewing found in this area.

5.2.7.5 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.7.6 Update

Date that the information for this data was last updated.

5.2.7.7 Source

Source of the information for this data.

5.2.7.8 District

Ministry of Forest District in which this area is located.

5.2.7.9 Region

Ministry of Forest Region in which this area is located.

5.2.8 Mammals

This coverage contains the location and information about mammals suitable for wildlife viewing. The following is a description of the attributes for this coverage.

5.2.8.1 Terrestrial Mammals Presence

This attribute will be coded as follows:

Y presence of terrestrial mammal species suitable for wildlife viewing

N terrestrial mammal species suitable for viewing not present

5.2.7.2 Terrestrial Mammal Species

This attribute will be contain a list of the terrestrial mammal species suitable for wildlife viewing found in this area.

5.2.7.3 Marine Mammals Presence

This attribute will be coded as follows:

Y presence of marine mammal species suitable for wildlife viewing

N marine mammal species suitable for viewing not present

5.2.7.4 Marine Mammal Species

This attribute will be contain a list of the marine mammal species suitable for wildlife viewing found in this area.

5.2.7.5 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.7.6 Update

Date that the information for this data was last updated.

5.2.7.7 Source

Source of the information for this data.

5.2.7.8 District

Ministry of Forest District in which this area is located.

5.2.7.9 Region

Ministry of Forest Region in which this area is located.

5.2.9 Wildlife Viewing Areas

This coverage contains the location and information about wildlife viewing areas designated by the Ministry of Environment, Lands and Parks. The following is a description of the attributes for this coverage.

5.2.9.1 Name

Name of the area.

5.2.8.2 Mammals

Names of mammals found in this area (comma delimited).

5.2.9.3 Birds

Names of birds found in this area (comma delimited).

5.2.9.4 Fish

Names of fish found in this area (comma delimited).

5.2.9.5 Season

Season of viewing potential for this area. Months should be listed in a space delimited format.

a January	e May	i September
b February	f June	j October
c March	g July	k November
d April	h August	l December

5.2.9.6 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.9.7 Update

Date that the information for this wildlife viewing area was last updated.

5.2.9.8 Source

Source of the information for this wildlife viewing area.

5.2.9.9 District

Ministry of Forest District in which this wildlife viewing area is located.

5.2.9.10 Region

Ministry of Forest Region in which this wildlife viewing area is located.

5.2.10 Scenic Resources

This section will be updated once the new methodology for modeling scenic quality has been finalized.

5.2.11 Heritage Resources

This coverage contains the location and information about cultural and heritage resources that are important to tourism. The following is a description of the attributes for this coverage.

5.2.11.1 Name

Name of the heritage feature.

5.2.11.2 Description

General, brief description of the heritage feature.

5.2.11.3 Structure

This attribute will be coded as follows.

Y feature consists of a physical structure

N no physical structure at this location

5.2.11.4 Interpreted

This attribute will be coded as follows.

Y feature has been interpreted

N feature has not been interpreted

5.2.11.4 Capability for Use

This attribute contains a ranking of the ability for the heritage feature to withstand tourism activity. This attribute will be coded as follows.

High Site could be used by large numbers of people without a guide

Mod Site could be used by large numbers of people but only with a guide

Low Site could be used only by small, guided groups.

5.2.11.5 Access

This attribute will be coded as follows.

f fly in access

g gravel road access

p paved road access

t trail access

w water access

x no access

5.2.11.6 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.11.7 Update

Date that the information for this heritage site was last updated.

5.2.11.8 Source

Source of the information for this heritage site.

5.2.11.9 District

Ministry of Forest District in which this heritage site.

5.2.11.10 Region

Ministry of Forest Region in which this heritage site.

5.2.12 Coastal Depth

This coverage contains the location and information about water depth adjacent to the BC coast. The following is a description of the attributes for this coverage.

5.2.12.1 Depth

This attribute will be coded as follows.

1 Less than 10m	7 200 to 500m
2 10 to20m	8 500 to 1000m
3 20 to 50m	9 1000 to 1500m
4 50 to 100m	10 1500 to 2000m
5 100to 150m	11 Greater than2000m
6 150to200m	13 Unknown

5.2.12.2 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.12.3 Update

Date that this information was last updated.

5.2.12.4 Source

Source of the information.

5.2.12.5 District

Ministry of Forest District in which this portion of the coast is located.

5.2.12.6 Region

Ministry of Forest Region in which this portion of the coast is located.

5.2.13 Coastal Exposure

This coverage contains the location and information about exposure along the BC coast. The following is a description of the attributes for this coverage.

5.2.13.1 Primary Exposure Regime

This attribute contains information about the general exposure regime based on the small scale coastal units.

OP Outer Pacific Coast: exposed areas experience very high energy, fetch greater than 1000m.

JF Juan de Fuca Strait: west shore is very exposed and becomes progressively more sheltered to the east.

GJ Strait of Georgia/Johnstone Strait: outer coast exposed (fetch up to 200km), elsewhere sheltered.

IN Inlets: relatively sheltered but subject to strong outflow winds.

QC Queen Charlotte Sound/Hecate Strait: exposed high energy outer shores, fetch 300 to 1000km.

EQ East Queen Charlotte Islands: outer coast exposed, more sheltered elsewhere.

5.2.13.2 Secondary Exposure Regime

This attribute contains information about the detailed exposure regime based on the actual configuration of the coast.

Table IV explains the relationship between the primary and secondary exposure regimes.

E Exposed

S Semi-exposed

P Protected.

Primary Regime	Secondary Regime		
	Exposed	Semi Exposed	Protected
Outer Pacific Coast	Pacific Coast	open or semi protected bays	protected bays enclosed, sheltered shoreline
Juan de Fuca	Pacific Coast	open or semi protected bays	protected bays enclosed, sheltered shoreline
Georgia / Johnstone Strait	exposed shoreline	channels, semi- protected bays (little enclosure or shoreline large fetch from one direction)	protected bays enclosed, sheltered shoreline
Inlets	long relatively straight inlets, inlet opens to ocean or strait	long curved inlets, short inlets, channels, semi-protected bays	protected bays, sheltered narrow inlets
Queen Charlotte Sound / Hecate Strait	Exposed to Sound or Strait	Semi-protected bays, channels	Protected bays, enclosed, sheltered shoreline
East Queen Charlottes	Exposed to Sound or Strait	Semi-protected bays, channels	Protected bays, enclosed, sheltered shoreline

5.2.13.4 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.13.5 Update

Date that this information was last updated.

5.2.13.6 Source

Source of the information.

5.2.13.7 District

Ministry of Forest District in which this portion of the coast is located.

5.2.13.8 Region

Ministry of Forest Region in which this portion of the coast is located.

5.2.14 Shoreline Type

This coverage contains the location and information about shoreline type including substrate within the intertidal zone and backshore areas, along the BC coast. The following is a description of the attributes for this coverage.

5.2.14.1 Type

This attribute will be coded as follows.

Estuary	Generally areas at the mouths of streams or rivers where fresh and tidal water mix; often accompanied by significant wetland, intertidal fisheries and habitats
Rock Platform	Wide rock platform (50 to 100m), to inclined rock ramp, no sediments
Mudflat	Wide (more than 50m) flat intertidal mud sediment
Sandflat	Wide (more than 50m) flat intertidal sand sediments
Rock Cliff	Steep rocky cliff, narrow intertidal zone, no sediment
Beach	Poorly sorted beach (sand, gravel, pebble, cobble and/or boulder) Beach of unknown composition
Sand Beach	Sand beach more than 50m wide, may include spits, hooks, points and tombolas
Sand/Gravel Beach	Inclined to flat sand and gravel beach, flat or fan
Cobble Beach	Beach of rounded gravels and cobbles
Pocket Beaches	Alternating rock headlands, most commonly narrow cliffs less than 20m high, and small mixed sediment beaches.

Lagoon	Enclosed lake or pond usually mixture of fresh and salt water connected by narrow channel to nearby marine waters.
Sand Beach/Flat	Wide intertidal flat of mud to sand accompanied by a ramped beach in the upper tidal zone
Beach/Flat	Wide intertidal flat of mud to sand accompanied by a ramped beach of coarse textured materials in the upper tidal zone
Man Made	Self explanatory

5.2.14.4 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.14.5 Update

Date that this information was last updated.

5.2.14.6 Source

Source of the information.

5.2.14.7 District

Ministry of Forest District in which this portion of the coast is located.

5.2.14.8 Region

Ministry of Forest Region in which this portion of the coast is located.

5.2.15 Shoreline Configuration

This coverage contains the location and information about shoreline configuration of the BC coast. The following is a description of the attributes for this coverage.

5.2.15.1 General Configuration

This attribute provides a general indication of shoreline configuration. This attribute will be coded as follows.

a Large fjord: over 20km long and relatively consistent in shape

b Inlet: fjord type formation less than 20km long; length to be at least twice the width

c Archipelago: more than three islands, island size up to 500 sq km, maximum distance between islands of 2km

5.2.15.2 Detailed Configuration

This attribute provides a more detailed indication of shoreline configuration. This attribute will be coded as follows.

a Islet Clusters: areas of 3 or more islets, all less than 3km in length, and with a maximum distance between islands of 500m

b Crenulated Shoreline: areas of indentations in the shoreline up to 500m wide and with length at least half the width. If more than 1 km of straight shoreline occurs, then the crenulation stops.

c Bays: 0.5 to 3km wide at the mouth, with length no more than twice the width (at mouth), i.e. up to 6km. The bay is to create a sense of enclosure. The head of a long inlet is mapped as a bay.

d Narrow Channels: up to 1km wide, with no minimum or maximum length.

e Channels: 1 to 2 km wide, with no minimum or maximum length.

5.2.15.4 Comments

This attribute is for comments that do not fit with any of the other attributes.

5.2.14.5 Update

Date that this information was last updated.

5.2.15.6 Source

Source of the information.

5.2.15.7 District

Ministry of Forest District in which this portion of the coast is located.

5.2.15.8 Region

Ministry of Forest Region in which this portion of the coast is located.

5.3 Intermediate Analysis Coverages

Intermediate analysis coverages are created in two situations. The first is when the resource data needs to be interpreted and simplified. This is the case with heritage data. The characteristics of the heritage site contained within the heritage resource coverage must be interpreted to assess their capability to support tourism activities. This is also the case with features, where a number of resource coverages must be combined and interpreted to determine which areas have features which will influence capability for a given product. The second situation is where one type of data is used in different ways with different capability models. This is the case with biogeoclimatic data, where climatic and vegetation information drawn from the biogeoclimatic subzones and variants will combine in different ways to meet the needs of different products. For example a biogeoclimatic unit which has high capability for snowmobiling may have low capability for resort development.

The following is a list of the data that requires an intermediate analysis coverage:

- Wildlife
- Scenic
- Biogeoclimatic Zones .
- Heritage
- Features

The objective of the intermediate analysis is to assess the resource in order to create a coverage in which the landscape is ranked as having high, moderate, low or no capability for each of the products that are affected by the resource. For example, the biogeoclimatic intermediate coverage could contain three attributes containing a biogeoclimatic ranking for back-country skiing, heli-hiking and resort development. For each intermediate analysis coverage the attributes will be named according to the capability coverage the data relates to and preceded by the first letter of the intermediate coverage name. For example in the biogeoclimatic coverage there could be an attribute containing the biogeoclimatic ranking for resort development. This attribute would be named bresort. In the scenic coverage there could be an attribute containing the scenic ranking roadtouring. This attribute would be called sroadtour.

5.4 Capability Coverages

Capability coverages contain information on the relative ability of the natural and cultural resources of an area to support a given tourism product. These coverages are the result of applying a capability model to the appropriate intermediate and resource coverages. The name for a tourism capability coverage will depend on the tourism product it describes. Table V provides a list of coverage names for tourism products that have been modeled to date.

Table V

Coverage Name	Tourism Product
Hike	Hiking/Backpacking
Roadtour	Automobile/Bus touring
Backski	Backcountry skiing
Lakeboat	Lake boating
Resort	Resort/Lodge
Downhill	Downhill skiing
Fishing	Lake/River fishing
Snowmo	Snowmobiling
Mdcruise	Multi-day boat cruising
Cruises	Small ship cruising
Dcruise	Day boat cruising
Marina	Marina
Mdfish	Multi-day fishing
Mdkayak	Multi-day kayaking
Dayfish	Day fishing
Daykayak	Day kayaking
Mtnbike	Mountain biking
Helihike	Heli-hiking

The attributes for each of these coverages will be the same except for the attribute containing the capability ranking. The following is a description of the attributes associated with a capability coverage.

5.4.1 Update

Date that the information for this coverage was last updated.

5.4.2 District

Ministry of Forest District in which this coverage is located.

5.4.3 Region Ministry of Forests region in which this accommodation facility is located.

5.4.4 "Coverage name"

This attribute will contain the capability ranking and will always have the same name as the coverage. Capability will be coded as follows

High

Moderate

Low

None

6.0 Tourism Resource Inventory Applications

6.1 Purpose

This chapter will describe existing and expected applications for 1:250,000 scale tourism resource inventory information.

6.2 Current Uses

The primary use of the inventory has been to provide input to land use planning processes in British Columbia. The inventory provides an effective means of presenting tourism values and ensuring that these values are considered in the land use planning process. The inventory also creates the ability to analyze the possible impacts on tourism of any land use decisions. Finally, the inventory is used to assist in the implementation of land use plans by providing an information base from which goals and management objectives for specific resource management zones can be derived. The following is a list of land use planning processes where the inventory has been used.

1. Commission On Resources and Environment (CORE) regional land use plans for Vancouver Island, the Cariboo and the Kootenays.
2. Implementation of the Vancouver Island, Cariboo, Kootenay and Kamloops Land Use Plans.
3. Land and Resource Management Plans (LRMP's) in Kamloops, Kispiox, Fort St. James, Vanderhoof, Fort Nelson, Fort St. John, Dawson Creek, and Lakes.
4. The Clayoquot Sound Scenic Corridors Management Plan.
5. The Protected Areas Strategy.

6.3 Expected Uses

To date the inventory has been used almost exclusively by the provincial government for land use planning. However, it is expected that the range of uses will expand in the future once the provincial coverage has been completed and as more people in both the public and private sectors become aware of the inventory and its contents.

The tourism resource inventory will continue to contribute to a range of tourism and land use planning activities, including future LRMP's, treaty negotiations, the growth strategies process, and tourism development and planning. Both the existing use and capability information are expected to be very valuable both for management of existing tourism activities and planning for future tourism growth.

The inventory is also expected to contribute to larger scale planning and development initiatives. Although the inventory is at a relatively small scale, it does provide an indication of where tourism activity is most likely to take place and therefore where further inventory work is required. Work is currently underway to develop a more detailed tourism resource inventory (1:20,000 scale) which could be used in these areas.

Projection Specifications

The tourism resource inventory is maintain in an Albers projection using the following specifications:

Datum	NAD83
Units	Meters
Spheriod	GRS 1980
1st standard parallel	50 0 0.0 N
2nd standard parallel	58 0 0.0 N
central meridian	129 0 0.0 W
Latitude of origin	0 0 0.0
fast easting	0 m
fast northing	0 m

Appendix B

Tourism Resource Inventory Operator Letter

Tourism Resource inventory February
5, 1996

Ref:

Date: February 5, 1996

To: Tourism Operators

Re: Tourism Resource inventory

Dear Tourism Operator:

As you may know, the province is currently undergoing a series of land use plans processes. The purpose of these processes is to allocate land and resources for use by various sectors. In preparation for these planning processes, the Ministry of Small Business, Tourism & Culture is conducting/updating its inventory of tourism operators and tourism resources. This will ensure the Ministry will be well-positioned to present tourism values to the planning processes.

Please cooperate with the contractors we have engaged to carry out this inventory, XXX Tourism Consultants. By helping them record information about what tourism operators are currently doing, where those activities are taking place, and what specific land and water based resources are needed for these activities, we can ensure the needs of a healthy and prosperous tourism industry are considered.

Ministry of Small Business, Tourism & Culture Representative

Appendix C

Tourism Resource Inventory User Survey

This is a sample of a tourism resource inventory user survey used in the Mid Coast Forest District. The specific questions of the survey may need to be altered to suit a different needs. It is very important to ensure that the questions in the survey will provide the information required for each coverage as described in Chapter 4.

Mid-Coast Tourism Resource Inventory User Survey

Please complete the following questions as they pertain to your business. If you have any questions please contact the contractors (phone number). Upon completion, please return the questionnaire and attached maps in the self addressed stamped envelope. All specific information will remain confidential within the Ministry of Small Business, Tourism and Culture and no information on individual tourism operators will be released.

The questionnaire is divided into two sections:

Section One:	tourism operations or outdoor recreation activities in which you are currently involved.
Section Two:	where the above activities take place and the specific resources used.

We may need to contact you for further information. Please verify and update the information from the address label below, including the name of a contact for your organization. We will be visiting several communities in and around the study area (at a given time) and would like to meet with as many operators as possible at that time.

Section One

1. Which of the following types of activities (i.e. A Sport Fishing) do you offer or participate in? Please indicate by marking 'X' in the appropriate box or space. Feel free to answer yes to several categories.

A Sport Fishing	Yes	No
------------------------	-----	----

If yes please complete the following:

_ Land-based lodge	_ Anchored lodge or vessel
_ Saltwater overnight charter	_ Saltwater day charters
_ Unguided saltwater sport fishing	_ Guided freshwater angling
_ Unguided freshwater angling	

Number of boats (guided/skippered)_	Number of boats (rental/barboat)_
Maximum group size: _ day	_ overnight

Name of outdoor destinations you visit for this activity (e.g. Johnstone Strait; Hakai Pass)

B Coastal Cruising	Yes	No
---------------------------	-----	----

If yes please complete the following:

_ Skippered/guided day charters	_ Bareboat/unguided day charters
_ Skippered/guided overnight charters	_ Bareboat/unguided overnight charters
Sail_	Power_
Number of boats (guided/skippered)_	Number of boats (rental/bareboat)_
Maximum group size: _ day	_ overnight

Name of outdoor destination you visit for this activity (e.g. Johnstone Strait; Hakai Pass)

C Nature and/or Cultural Viewing	Yes	No
---	-----	----

_ Whale watching	_ Wildlife viewing	_ Guided
_ Culture or historical	_ Nature studies	_ Unguided
_ Photography	_ Other (please specify)	
Number of boats (guided/skippered)_	Number of boats (rental/bareboat)_	
Maximum group size: _ day	_ day	_ overnight

Name of outdoor destination you visit for this activity (e.g. Johnstone Strait; Hakai Pass)

D Scuba Diving	Yes	No
-----------------------	-----	----

If yes, please complete the following:

_ Guided day	_ Guided overnight
_ Unguided shore dives	_ Rentals
Number of boats_	
Maximum group size: _ day	_ overnight
Minimum group size: _ day	_ overnight

Name of outdoor destination you visit for this activity (e.g. Johnstone Strait; Hakai Pass)

E Kayaking and Canoeing	Yes	No
--------------------------------	-----	----

If yes, please complete the following:

_ Guided canoe or sea kayaking day	_ Guided canoe or sea kayaking overnight
_ Whitewater kayaking	_ Surf Kayaking
_ Rentals	

Number of boats (guided)_	Number of boats (rental)_
Maximum group size: _ day	_ overnight
Name of outdoor destination you visit for this activity (e.g. Johnstone Strait;Hakai Pass)	

F River Rafting	Yes	No
------------------------	-----	----

If yes, please complete the following:

_ Day trips	_ Overnight trips
_ Guided	_ Unguided
Number of rafts (guided)_	
Maximum group size: _ day	_ overnight
Name of outdoor destination you visit for this activity (e.g. Johnstone Strait;Halcai Pass)	

G Hunting	Yes	No
------------------	-----	----

If yes, please complete the following:

_ Day trips	_ Overnight trips
_ Guided	_ Unguided

Species and season

Maximum group size:	_ day	_ overnight
Name of outdoor destination you visit for this activity (e.g. Johnstone Strait;Hakai Pass)		

H Hiking and/or Mountaineering	Yes	No
---------------------------------------	-----	----

If yes, please complete the following:

_ Day trips	_ Overnight trips
_ Helicopter supported	_ Guided
_ Unguided	
Maximum group size: _ day	_ overnight
Name of outdoor destination you visit for this activity (e.g. Johnstone Strait;Hakai Pass)	

I Backcountry skiing	Yes	No
-----------------------------	-----	----

If yes, please complete the following:

_ Day trips	_ Overnight trips
_ Helicopter supported	_ Guided
_ Unguided	

Maximum group size:	_ day	_ overnight
---------------------	-------	-------------

Name of outdoor destination you visit for this activity (e.g. Johnstone Strait;Hakai Pass)

J Trail Riding	Yes	No
-----------------------	-----	----

If yes, please complete the following:

_ Day trips	_ Overnight trips
_ Guided	_ Unguided
Maximum group size: _ day	_ overnight

Name of outdoor destination you visit for this activity (e.g. Johnstone Strait;Hakai Pass)

K Air or Helicopter Charter	Yes	No
------------------------------------	-----	----

If yes, please complete the following:

_ Air - Regularly scheduled service	_ Air Charter
_ Helicopter - sightseeing	_ Helicopter - hiking
_ Helicopter - skiing	_ Other (please specify)
Number of aircraft_	
Maximum group size: _ day	_ overnight

Name of outdoor destination you visit for this activity (e.g. Johnstone Strait;Hakai Pass)

L Marina or Accommodation	Yes	No
----------------------------------	-----	----

If yes, please complete the following:

_ Hotel	_ Cabins	_ Condos
_ Motel	_ Guest Ranch	_ Fishing/guiding camp
_ RV Park/Campground	_ Bed & Breakfast	_ Other
_ Lodge/Resort	_ Fishing Lodge	
_ Number of units	_ Number of campsites	
_ Short term moorage	Number of berths or _ feet of moorage	
_ Long term moorage	_ Number of berths or _ feet of moorage	
_ Restaurant (# of seats)	_ Playground	_ Pool or gym
_ Bar/Pub (# of seats)	_ Boat ramp	_ Sport equipment rentals
_ Fuel	_ Store	_ Conference facilities
_ Sani-dump	_ Hook ups	_ Showers

Please mark the location of your facility on the attached map with a clearly indicated dot.

M Other (e.g. cave exploration, gem hunting - see attached 'Recreation Activities' list)

_ Day trips	_ Overnight trips
_ Guided	_ Unguided

Please specify activity

Maximum group size:

_ day

_ overnight

Name of outdoor destination you visit for ~is activity (e.g. Johnstone Strait; Hakai Pass)

2 If you operate a commercial recreation business, please identify any additional activities (using a check mark) from the attached 'recreation activities' list which compliment or co-exist with main activity/activities you described in the previous section. For example, ocean kayaking may be the 'main activity' but other recreation activities such as photography, nature study and beach combing may also occur (please explain if necessary).

3. What is the approximate level of use or occupancy rate for the activities identified above? Use the space below to clarify if necessary.

Season	Rating				
Summer (July-Aug)	High	Med	Low	N/A	
Fall (Sept-Nov)	High	Med	Low	N/A	
Winter (Dec-Mar)	High	Med	Low	N/A	
Spring (Apr-June)	High	Med	Low	N/A	

Rating Guide

High	85 % - 100% full
Med	55% - 84% full
Low	0% - 54% full
N/A	trips/services not offered during indicated months

Section Two

1. Please mark on the attached map the route, area or destinations used for the activities identified in Section One. Use circles to define areas and destinations and lines to define routes. The space below can be used to provide explanations, if required.

2. On the attached study area map, please identify, (with a star "**"), the coastal locations where you launch, exit the water, stop for breaks and camp. Examples include boat putin and take-out sites backcountry campsites, and meal break locations.

3. What other recreations activities do you notice occurring within the study area? Please mark these activities on the attached map using the recreation codes found on the 'recreation activities' list. For example, if shrimping (f6) occurs on the north side of Broughton Island, write **f6** at the approximate location on the map.

4. Please indicate on the attached map, (with a triangle), historical sites that you visit, or would like to visit, as part of your outdoor experience. Use the space below to describe the sites.

5. Please list the features (e.g. waterfalls, trails, beaches, glaciers) visited, or that you would like to visit, as part of your outdoor experience. Use the number below to mark the location of these features on the attached map.

1	5	9
2	6	10
3	7	11
4	8	12

6. Do you have any comments or concerns regarding outdoor recreation pursuits in the study area? These comments can be either specific to your business, personall outdoor recreation enjoyment, or generally related to the tourism industry in the study area. Please specify belwo and use additional paper if necessary.

Thank you for your participation.

Appendix D

Existing Tourism Use Inventory Attribute Definitions

Accommodations

Coverage name: acc

Attribute Name	Attribute width	Attribute type
Name	60	Character
Contact	40	Character
Address 1	35	Character
Address 2	35	Character
City	25	Character
Code	7	Character
Phone 1	12	Character
Phone 2	12	Character
Fax	12	Character
Location	30	Character
Type	5	Character
Units	4	Integer
Sites	3	Integer
Use	12	Character
Tenure	10	Character
Employee	3	Integer
Services	60	Character
Season	24	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Landcode	4	Integer
Accode	6	Integer

Attractions

Coverage name: attract

Attribute Name	Attribute width	Attribute type
Name	60	Character
Contact	40	Character
Address 1	35	Character
Address 2	35	Character
City	25	Character
Code	7	Character
Phone 1	12	Character
Phone 2	12	Character
Fax	12	Character
Location	30	Character
Type	5	Character
Services	60	Character
Season	24	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Landcode	4	Integer
Atcode	6	Integer
Accode	6	Integer

Marinas

Coverage name: marina

Attribute Name	Attribute width	Attribute type
Name	60	Character
Contact	40	Character
Address 1	35	Character
Address 2	35	Character
City	25	Character
Code	7	Character
Phone 1	12	Character
Phone 2	12	Character
Fax	12	Character
Location	30	Character
Type	5	Character
Size	4	Integer
Services	60	Character
Season	24	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Landcode	4	Integer
Accode	6	Integer

Backcountry Huts/Cabins
Coverage name: huts

Attribute Name	Attribute width	Attribute type
Name	60	Character
Contact	40	Character
Location	30	Character
Daynight	5	Character
Public	1	Character
Season	24	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Landcode	4	Integer
Accode	6	Integer

Tour Operators

Coverage name: tourop

Attribute Name	Attribute width	Attribute type
Name	60	Character
Contact	40	Character
Address 1	35	Character
Address 2	35	Character
City	25	Character
Code	7	Character
Phone 1	12	Character
Phone 2	12	Character
Fax	12	Character
Location	30	Character
Type	20	Character
Duration	3	Integer
Rentals	1	Character
Instruction	1	Character
Permit	1	Character
Season	24	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Landcode	4	Integer
Tocode	6	Integer
Accode	6	Integer

Ski Facilities

Coverage name: ski

Attribute Name	Attribute width	Attribute type
Name	60	Character
Contact	40	Character
Address 1	35	Character
Address 2	35	Character
City	25	Character
Code	7	Character
Phone 1	12	Character
Phone 2	12	Character
Fax	12	Character
Location	30	Character
Vertical	4	Integer
Runs	3	Integer
Trams	2	Integer
Chairs	2	Integer
Tows	2	Integer
Track	3	Integer
Notrack	3	Integer
Services	60	Character
Season	24	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Landcode	4	Integer
Skicode	6	Integer
Acccode	6	Integer

Golf Courses

Coverage name: golf

Attribute Name	Attribute width	Attribute type
Name	60	Character
Contact	40	Character
Address 1	35	Character
Address 2	35	Character
City	25	Character
Code	7	Character
Phone 1	12	Character
Phone 2	12	Character
Fax	12	Character
Location	30	Character
Type	2	Character
Holes	2	Integer
Yards	5	Integer
Services	60	Character
Season	24	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Accode	6	Integer

Use Areas

Coverage name: use

Attribute Name	Attribute width	Attribute type
Type	40	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Landcode	4	Integer
Usecode	6	Integer

Guide Outfitter Territories

Coverage name: guide

Attribute Name	Attribute width	Attribute type
Name	60	Character
Contact	40	Character
Address 1	35	Character
Address 2	35	Character
City	25	Character
Code	7	Character
Phone 1	12	Character
Phone 2	12	Character
Fax	12	Character
Location	30	Character
Species	30	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Accode	6	Integer

Viewscapes

Coverage name: views

Attribute Name	Attribute width	Attribute type
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Viewcode	6	Integer

Features

Coverage name: features

Attribute Name	Attribute width	Attribute type
Feature	40	Character
Type	40	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Landcode	4	Integer
Featcode	6	Integer

Trails

Coverage name: trails

Attribute Name	Attribute width	Attribute type
Length	4	Integer
Type	10	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Trailcode	6	Integer

Water Based Travel Routes

Coverage name: wroute

Attribute Name	Attribute width	Attribute type
Type	1	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Wcode	6	Integer

Parks

Coverage name: parkpt (for parks represented by points)

Coverage name: parks (for parks represented by poolygons)

Attribute Name	Attribute width	Attribute type
Name	60	Character
Type	1	Character
Sites	3	Integer
Trailkm	4	Integer
Skikm	4	Integer
Services	60	Character
Season	24	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character
Accode	6	Integer

Communities

Coverage name: town (for communities represented by points)

Coverage name city (for communities represented by polygons)

Attribute Name	Attribute width	Attribute type
Name	60	Character
Population	8	Integer
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Roads

Coverage name: roads

Attribute Name	Attribute width	Attribute type
Name	60	Character
Highway	1	Character
Troute	1	Character
Type	1	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Rivers

Coverage name: rivers

Attribute Name	Attribute width	Attribute type
Name	60	Character
Type	1	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Major Rivers

Coverage name: riv21

Attribute Name	Attribute width	Attribute type
Name	60	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Lakes

Coverage name: lakes

Attribute Name	Attribute width	Attribute type
Name	60	Character
Island	1	Character
Type	1	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Appendix E

Tourism Capability Inventory Attribute Definitions

Geological Features

Coverage name: geofeat

Attribute Name	Attribute width	Attribute type
Name	60	Character
Type	1	Character
Access	5	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Water Features

Coverage name: watfeat

Attribute Name	Attribute width	Attribute type
Name	60	Character
Type	1	Character
Access	5	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Whitewater Areas

Coverage name: whitew

Attribute Name	Attribute width	Attribute type
Name	60	Character
Location	100	Character
Minclass	1	Character
Maxclass	1	Character
Runtime	4	Integer
Shtime	4	Integer
Access	5	Character
Opseason	24	Character
Season	24	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Biogeoclimatic Zones

Coverage name: biogeo

See Ministry of Forest standards for biogeoclimatic zone mapping.

Whitewater Areas

Coverage name: whitew

Attribute Name	Attribute width	Attribute type
Name	60	Character
Manunit	5	Character
Cut	1	Integer
Rainbow	1	Integer
Othert	1	Integer
Dollyv	1	Integer
Kokanee	1	Integer
Coastcut	1	Integer
Burbot	1	Integer
Bass	1	Integer
Carp	1	Integer
Steele	1	Integer
Spring	1	Integer
Coho	1	Integer
Chinook	1	Integer
Sturgeon	1	Integer
Eulachan	1	Integer
Whitefish	1	Integer
Black	1	Integer
Access	5	Character
Season	24	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Salt Water Fish Resources

Coverage name: saltfish

Attribute Name	Attribute width	Attribute type
Species	30	Character
Season	24	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Bird Resources

Coverage name: birds

Attribute Name	Attribute width	Attribute type
Landbird	1	Character
Landspec	100	Character
Marbird	1	Character
Marspec	100	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Mammal Resources

Coverage name: mammals

Attribute Name	Attribute width	Attribute type
Landmam	1	Character
Landmam	100	Character
Marmam	1	Character
Marmam	100	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Wildlife Viewing Areas

Coverage name: wildview

Attribute Name	Attribute width	Attribute type
Name	60	Character
Mammals	100	Character
Birds	100	Character
Fish	100	Character
Season	24	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Heritage Resources

Coverage name: heritage

Attribute Name	Attribute width	Attribute type
Name	60	Character
Description	100	Character
Struct	1	Character
Interp	1	Character
Usecap	4	Character
Access	5	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Coastal Depth

Coverage name: depth

Attribute Name	Attribute width	Attribute type
Depth	2	Integer
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Coastal Exposure

Coverage name: exposure

Attribute Name	Attribute width	Attribute type
EXP 1	2	Character
EXP 2	1	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Shoreline Type

Coverage name: shtype

Attribute Name	Attribute width	Attribute type
Type	20	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character

Shoreline Configuration

Coverage name: shconfig

Attribute Name	Attribute width	Attribute type
Config 1	1	Character
Config 2	1	Character
Comments	254	Character
Update	8	Character
Source	20	Character
District	20	Character
Region	15	Character