

**Standards for Fish and Fish Habitat Maps  
Version 3.0 2001**

**Errata**

**April 2009**

**1. Page 3 – Section 2.1.1 Watershed Boundaries - second paragraph –**

**Replace:** “MELP/RIC standards for watershed boundary line types (line symbology and codes) can be found in the BC Environment Line Symbology Look-Up Tables on the web at <http://www.env.gov.bc.ca/gis/arcsymbols.html>.”

**With:** “Standard MoE/RISC watershed boundary line types are mapped using the line style look-up table ‘WHSE\_CORP.CORP\_BCELIN\_LUT\_VW’ that relates line styles (color, width, pattern), to feature codes that identify the types of lines (major vs minor watershed boundaries). This look-up table is available through the BC Government Land and Resource Data Warehouse (LRDW) distribution service at <http://lrdw.ca/>. The corresponding true type font line symbology set is available at: [http://csdgvw.bcgov/imb/gis/fonts.html#bcmelp\\_fisheries\\_symbols](http://csdgvw.bcgov/imb/gis/fonts.html#bcmelp_fisheries_symbols).”

**2. Page 18 – Section 3.2 Channel Features and Obstructions – third paragraph –**

**Replace:** “In addition, MELP has created an ARC/INFO look-up table which contains a more extensive set of feature symbols (<http://www.env.gov.bc.ca/gis/arcsymbols.html>).”

**With:** “In addition, a standard MoE/RISC marker symbol look-up table called WHSE\_CORP.CORP\_BCEMRK\_LUT\_VW that relates marker symbols to feature codes that identify fish or fish Habitat features (Tables 1-5 in main body of document), is available through the BC Government Land and Resource Data Warehouse (LRDW) distribution service at <http://lrdw.ca/>. The corresponding true type font marker symbology set is available at: [http://csdgvw.bcgov/imb/gis/fonts.html#bcmelp\\_fisheries\\_symbols](http://csdgvw.bcgov/imb/gis/fonts.html#bcmelp_fisheries_symbols)”

**3. Page 31 – Appendix 1. ARC/Info Symbol Lookup Table**

**Replace:** The entire page

**With:**

## **Appendix 1. Fish and Fish Habitat Map Marker Symbols**

The digital files for the marker symbols used for the production of the standard Fish and Fish Habitat maps are available as two components for downloading as follows:

1. The true type font marker set **bcefsh.ttf** is available at:  
[http://csdgvw.bcgov/imb/gis/fonts.html#bcmelp\\_fisheries\\_symbols](http://csdgvw.bcgov/imb/gis/fonts.html#bcmelp_fisheries_symbols)

2. The standard MoE/RISC marker symbol look-up table ‘WHSE\_CORP.CORP\_BCEMRK\_LUT\_VW’ that relates marker symbols to feature codes that identify fish or fish Habitat features (Tables 1-5 in main body of document), is available through the BC Government Land and Resource Data Warehouse (LRDW) distribution service at <http://lrdw.ca/> .

A complete description of each symbol is available through the Geographic Feature Catalogue Query Form on the BC Government web site at:  
<http://aardvark.gov.bc.ca/apps/fcq/jsp/index.jsp>

#### 4. Page 58 – Section 6.0 Digital Map Display

**Replace:** The entire page

**With:**

## 6.0 Example Maps

All maps produced must closely resemble the maps shown in the diagrams and figures of the main body of the “Standards for Fish and Fish Habitat Mapping” document. Reach labels, species code labels, obstruction height and length labels and sample site labels can all be mapped using the attributes captured in the Fish and Fish Habitat Map Features Table (described in Appendix 4 Section 4.0). The Fish and Fish Habitat Map Features Table is the source of the spatial and attribute data required to generate the standard hardcopy inventory maps.

Examples of the standard reconnaissance inventory maps are available for viewing and downloading at:

<http://www.env.gov.bc.ca/fish/methods/documents/exampleproducts.html>

5. **Note** that the MoE PC ArcView mapping application “FishMap” has been deprecated, and is no longer supported by the Ministry of Environment (MoE).
6. Specific changes and clarifications that supersede the “Standards for Fish and Fish Habitat Maps” pertaining to deliverables for the Reconnaissance (1:20 000) Fish and Fish Habitat Inventory are available in “*Reconnaissance (1:20 000) Fish and Fish Habitat Inventory: Standards and Procedures - Version 2.0, RISC 2001; Errata, (April 2009)*”. They are also repeated below as follows:

### Mapping Products

1. All maps must be in UTM projection.
2. TRIM 1 to be used as map base for sample plans and all mapping products.
3. Non visible channel reaches that are wetlands will be designated as NVC-W in the lower portion of the site/reach data symbol.
4. All label fields in the Fish and Fish Habitat Map Features Table must be consistent with all other report products, especially the interpretive maps.
5. Digital versions of all hardcopy maps must be provided in PDF format.

6. If determining fish bearing status for project reaches is part of the project; either provide both a Project Map and Interpretive Map or one Project/Interpretive Map. A Project/Interpretive map is an Interpretive Map including the site data symbols and or lake Summary Symbols associated with Project Maps. Project Map labels will continue to be included in the 'Fish and Fish Habitat Map Features Table, even when an individual Project Map is not produced (See the *Standards for Fish and Fish Habitat Maps* for specific details on symbols, map labels and Inventory Maps).

If determining fish bearing status for project reaches is **not** part of the project, only a Project Map is required. In all cases an Overview Map is still required.

7. See the "Reconnaissance (1:20 000) Fish and Fish Habitat Inventory: Standards and Procedures - Version 2.0, RISC 2001; Errata, 2009 (Updates for April 2007: 2. General Updates) for General changes that affect the "Standards for Fish and Fish Habitat Maps".