



ADC WorldMap Version 5.3 User's Guide

ADC WorldMap
The Desktop Mapping Division of ADCi
338 W. College Ave., Suite 201
Appleton, Wisconsin 54911
Copyright © 2009 ADCi
Revised November, 2009

Phone: 800.236.7973 or 920.733.6678
Fax: 866-828-5512
E-mail: info@adcworldmap.com
Internet: www.adcworldmap.com

Welcome to ADC WorldMap Version 5.3

ADC WorldMap Version 5.3 brings together the most comprehensive, current and seamless geographic digital data for the whole earth. ADC WorldMap v5.3 has proven to be a crucial tool for leaders in a variety of industries including education, tourism, government, military, Internet-based, fleet management and transportation, communication and various business sectors.

Our digital atlas is designed to be used with MapInfo[®], ArcView/Arc Map[®] or Oracle[®] Spatial software. You will find that ADC WorldMap v5.3 is useful for any application requiring 1:1,000,000 scale vector maps of large areas.

Our maps give you high-quality graphics on your screen and produce excellent printed maps for presentation purposes. In addition, the map data included in the ADC WorldMap digital atlas is organized so you can easily use your MapInfo[®], ArcView/ Arc Map[®], Oracle[®] Spatial software's capabilities to work with different map features and perform a variety of desktop mapping activities.

Chart your informed course into the World today!

About this User Guide

The ADC WorldMap User's Guide provides detailed information about ADC WorldMap Version 5.3 coverage and features.

It is assumed that you have a working knowledge of MapInfo[®] and/or ArcView/Arc Map[®] and/or Oracle[®] Spatial and your Windows operating system. Refer to your software and computer manuals for additional help with specific techniques.

MapInfo[®], ArcView/Arc Map[®] and Oracle[®] Spatial are excellent desktop mapping software programs to use with ADC WorldMap because they can handle the large file sizes involved.

ADC WorldMap gives you worldwide coverage with thirty distinct layers of information for each geographic area.

Table of Contents

1. [About ADC WorldMap v5.3](#)
Describes ADC WorldMap version 5.3 volumes, scale, projection and coordinates system
2. [What's New in ADC WorldMap v5.3](#)
Provides a brief summary of new features
3. [ADC WorldMap v5.3 Layers](#)
List all ADC WorldMap layers (table files)
4. [Description of Table Fields](#)
List entity types and descriptions
5. [Country Codes](#)
Lists country codes used
6. [Country Lists by Volume](#)
Volume 1-North America
Volume 2-Europe
Volume 3-South America, Africa and the Middle East
Volume 4-Asia
7. [Tech Support](#)
Explains how to obtain technical support
8. [Copyright Notice for Printed Materials](#)
9. [License Agreement](#)
10. [Appendix A - Description of Cities](#)
11. [Appendix B - Description of Roads](#)
12. [Appendix C - Description of Sources](#)

1. About ADCWorldMap v5.3

ADC WorldMap v5.3 Volumes

Vol. 1 North America

Vol. 2 Europe

Vol. 3 South America, Africa & The Middle East

Vol. 4 Asia

Whole Earth

ADC WorldMap v5.3 Scale

ADC WorldMap Version 5.3 brings you the most detailed digital atlas at a 1:1,000,000 map accuracy scale.

Projection and Coordinates

The coordinate system used for ADC WorldMap is Latitude/Longitude, WGS 84 (international feet) datum. ADC WorldMap will display the 0 0 point at the intersection of the equator and the Prime Meridian.

2. What's New in ADC WorldMap v5.3

- Up-to-date country and level one Administrative Boundaries for the entire world.
- Addition of an Ocean Bathymetry layer with 250 meter depth lines.
- Improved and consistent contours created from SRTM data (Shuttle Radar Terrain Model).
- More cities with population data.
- Increased U.S. road coverage.
- UTM zones and ISO country and administrative.

3. ADC WorldMap v5.3 Layers

The following will provide detailed information about ADC WorldMap5.3 coverage and features. It is designed to help you understand and support your use of the maps in the most effective way.

The information given for each table is:

Layer The subdirectory found within the 1to1 mil, Keymap or Misc. directory and associated table name.

Definition A description of the layers contents.

The following table contains a list of all the possible ADC WorldMap V5.3 layers (table files). *Note: The contour & elevation layers are only available in the regional volumes 1 to 4, but available upon request for Whole Earth.

Layer	Definition
World_Nations	Borders for the countries of the World
World_Admin	Level 1 political boundaries for the countries of the World
Airports	Airport points and labels
BuiltUp_Areas	Urban Sprawl
Capitals	Country Capitals
Cities_Greater_900K	Cities with population greater than 900,000
Cities_75K_to_900K	Cities with population between 75,000 and 900,000
Cities_up_to_75k	Cities with population up to 75,000
Cities_Unknownpop	Cities with population unknown.
World_Cities	All cities in the world
Cultural_Landmarks	Cultural landmarks of the world
Contour_Lines *	500-1000 meter interval contour lines
Supplemental_Contour_Lines *	Partial intermediate or auxiliary contours
Ocean_Bathymetry	Partial intermediate or auxiliary contours
Water_Poly	Lakes and other water polygon features

Water_Line	Rivers and other water line features
Glacier	Glacier & other permanent ice fields
Seas_Bays	Seas and bays labels
Great_Lakes	
World_Oceans	
Grid1	1 degree Lat/Long Grid
Grid5	5 degree Lat/Long Grid
Grid15	15 degree Lat/Long Grid
Mountains	Mountain labels
Physiography	Craters, cliffs, faults, rock outcrops
Marine Ports	Major marine ports of the world
ADCWMlogo	Title Page
Title Page	Title Page
World_Nations_Vol	Title Page
World	Title Page
Railroad_Track	Railway track
Railway_Stations	Freight and passenger railway stations
Major_Routes	Major highways and interstates
Minor Routes	Highways and other routes
Time_Zones	Time zones of the world
UTM_Zones	UTM Zones of the world
Utilities	Power transmission lines

4. Description of Table Fields

World Nations Table

Field	Description
Cntry_Name	Country Name
Cntry_Code	Country Abbreviation
Continent	Continent where country is located
ISO_CODE	Country Code per ISO-3166

World Admin Table

Field	Description
Admin_Name	Name of the Administrative Boundary
Cntry_Name	Country in which Administrative Boundary is located
Type	The type of Admin. Boundary (ex. State, province, etc.)
Cntry_Code	Abbreviation of country admin. boundary is located
Continent	Continent where admin boundary is located
ISO_CODE	Admin Country Code per ISO-3166-2

Airports Table

Field	Description
Name	Airport Name
Country	Country in which Airport is located
ADDTLPLACE	Alternate Name of Airport
AIRPORTCOD	The abbreviation for the airport
CNTRY_CODE	Abbreviation of the Country where the Airport is located
ID	Unique ID for reference
LATITUDE	Latitude of Airport
LONGITUDE	Longitude of the Airport

Builtup Areas Table

Field	Description
Name	Built Up Area Name
TYPE	Description of the Built up area - Principal cities (PPU2) - Towns and other cities (PPU3)
Name	Name of BuiltUp Area
ID	Unique ID for reference

Capitals, Cities Greater 900K, Cities 75K to 900K, Cities up to 75k, Cities Unknownpop, World Cities Tables,

Field	Description
LOCAL_NAME	Name of City in native language
ENG_NAME	Name of City in English.
CAT	Category of data(See Appendix A for detail description)
Cntry_Code	Country abbreviation where City is located
COUNTRY	Country in which the City is located
POP_RANGE	Population Range of the City
CITY_POP	Estimated population of the City
YEAR	Year of estimated population
ID	Unique ID for reference
LATITUDE	Latitude of City
LONGITUDE	Longitude of the City

Cultural Landmarks Table

Field	Description
Name	Name of Cultural Landmark
Country	Country in which Landmark is located
Cntry_Code	Abbreviation of the Country where the Landmark is located
ID	Unique ID for reference
LATITUDE	Latitude of City
LONGITUDE	Longitude of the City

Contour Lines Table

ETYPE	FEATURE
ELEVATION	Elevation in Meters
ID	Unique ID for reference

Supplemental Contour Lines Table

Field	Description
ELEVATION	Elevation in Meters
ID	Unique ID for reference

Water Poly, Water Line Tables

Field	Description
TYPE	Description of water feature
NAME	Name of water Body
ID	Unique ID for reference

Glacier Table

Field	Description
TYPE	Describes the glacier feature <ul style="list-style-type: none">- Glacier or other permanent ice (DGL2)- Glacier or other permanent ice (DGL3)
ID	Unique ID for reference

Seas_Bays Table

Field	Description
NAME	The name of the Sea Bay
ID	Unique ID for reference

Great Lakes Table

Field	Description
NAME	Name of the Great Lake

Grid1, Grid5, Grid15 Tables

FIELD	Description
LAT_LONG	States if Degree is Latitude or Longitude
DEGREE	The degree of the Latitude or Longitude Line

Mountains Table

Field	Description
NAME	Name of the Mountain
COUNTRY	Country in which the Mountain is located
Cntry_Code	Abbreviation of the Country the Mountain is located
ID	Unique ID for reference

Physiography Table

Field	Description
TYPE	Describes the type of physiography <ul style="list-style-type: none">- Levees, dikes, and eskers (PHL0100)- Rock strata outcrops (PHL0200)- Escarpments, bluffs, cliffs (PHL0300)- Ice cliffs (PHL0500)- Crater (PHL0600)
ID	Unique ID for reference

Marine Ports Table

Field	Description
NAME	Name of the Marine Port
LOCODE	Abbreviation of the Marine Port
COUNTRY	Country in which the Marine Port is located
LATITUDE	Latitude of the Marine Port
LONGITUDE	Longitude of the Marine Port
Cntry_Code	Abbreviation of the Country the Marine Port is located.
ID	Unique ID for reference

Railroad Track Table

Field	Description
TYPE	Describes type of railroad <ul style="list-style-type: none">- Inter-City Network (RAIL1)- Main Connecting Links to Inter-City (RAIL2)- Rural and Suburban-Commuter Links (RAIL3)
ID	Unique ID for reference

Railway Stations Table

Field	Description
NAME	Name of the railway station
LATITUDE	Latitude of the railway station
LONGITUDE	Longitude of the railway station
COUNTRY	Country in which the Railway Station is located
Cntry_Code	Abbreviation of the Country the railway station is located.
ID	Unique ID for reference

Major Routes Table

FIELD	Description
LOCAL_NUM	Number of the Route
ALT_1	Alternate Number of the route
ALT_2	Second Alternate Number of the route
TYPE	Description of the route (See Appendix B)
ID	Unique ID for reference

Minor Routes Table

FIELD	Description
LOCAL_NUM	Number of the Route
ALT_NAME1	Alternate Number of the route
ALT_NAME2	Second Alternate Number of the route
TYPE	Description of the route (See Appendix B)
ID	Unique ID for reference

Time Zones Table

Field	Description
TIMEZONE	The time compared to Greenwich Mean Time

Utilities Table

Field	Description
TYPE	Describes the Type of Utility <ul style="list-style-type: none">- Power Transmission Lines (UTL0100)- Telephone or telegraph lines (UTL0200)- Above ground pipeline (UTL0300)- Underground pipeline (UTL0400)
ID	Unique ID for reference

Ocean Bathymetry Table

Field	Description
Depth	Depth in Meters
ID	Unique ID for reference

UTM_ZONES

Field	Description
Id	Unique ID for reference
LON_ZONE	UTM Longitude Zone
LAT_ZONE	UTM Latitude Zone
ZONE	UTM Zone Name

5. Country Codes

AY	Antarctica	CN	Comoros
AF	Afghanistan	CW	Cook Islands
AL	Albania	CS	Costa Rica
AG	Algeria	IV	Cote D'Ivoire
AQ	American Samoa	HR	Croatia
AN	Andorra	CU	Cuba
AO	Angola	CY	Cyprus
AV	Anguilla	EZ	Czech Republic
AC	Antigua and Barbuda	CG	Democratic Republic of the Congo
AR	Argentina	DA	Denmark
AM	Armenia	DJ	Djibouti
AA	Aruba	DO	Dominica
AT	Ashmore and Cartier Islands	DR	Dominican Republic
AS	Australia	EC	Ecuador
AU	Austria	EG	Egypt
AJ	Azerbaijan	ES	El Salvador
BA	Bahrain	UK	England
BG	Bangladesh	EK	Equatorial Guinea
BB	Barbados	ER	Eritrea
BO	Belarus	EN	Estonia
BE	Belgium	ET	Ethiopia
BH	Belize	EU	Europa Island
BN	Benin	FK	Falkland Islands Islas Malvinas
BD	Bermuda	FO	Faroe Islands
BT	Bhutan	FM	Federated States of Micronesia
BL	Bolivia	FJ	Fiji
BK	Bosnia and Herzegovina	FI	Finland
BC	Botswana	FR	France
BV	Bouvet Island	FG	French Guiana
BR	Brazil	FP	French Polynesia
IO	British Indian Ocean Territory	FS	French Southern and Antarctic Lands
VI	British Virgin Islands	GB	Gabon
BX	Brunei	GZ	Gaza
BU	Bulgaria	GG	Georgia
UV	Burkina Faso	GM	Germany
BM	Burma	GH	Ghana
BY	Burundi	GI	Gibraltar
CB	Cambodia	GO	Glorioso Islands
CM	Cameroon	GR	Greece
CA	Canada	GL	Greenland
CV	Cape Verde	GJ	Grenada
CJ	Cayman Islands	GP	Guadeloupe
CT	Central African Republic	GQ	Guam
CD	Chad	GT	Guatemala
CI	Chile	GK	Guernsey
CH	China	GV	Guinea
KT	Christmas Island	PU	Guinea-Bissau
IP	Clipperton Island	GY	Guyana
CK	Cocos Keeling Islands	HA	Haiti
CO	Colombia	HM	Heard Island and McDonald Islands

HO	Honduras	NR	Nauru
HK	Hong Kong	NP	Nepal
HU	Hungary	NL	Netherlands
IC	Iceland	NT	Netherlands Antilles
IN	India	NC	New Caledonia
ID	Indonesia	NZ	New Zealand
IR	Iran	NU	Nicaragua
IZ	Iraq	NG	Niger
EI	Ireland	NI	Nigeria
IM	Isle of Man	NE	Niue
IS	Israel	NF	Norfolk Island
IT	Italy	KN	North Korea
JM	Jamaica	UK	Northern Ireland
JA	Japan	CQ	Northern Mariana Islands
JE	Jersey	NO	Norway
JO	Jordan	MU	Oman
JU	Juan De Nova Island	YY	Saudi Arabia/ Yemen
KZ	Kazakhstan	PK	Pakistan
KE	Kenya	PS	Palau
KR	Kiribati	PM	Panama
XK	Kosovo	PP	Papua New Guinea
KU	Kuwait	PF	Paracel Islands
KG	Kyrgyzstan	PA	Paraguay
LA	Laos	PE	Peru
LG	Latvia	RP	Philippines
LE	Lebanon	PC	Pitcairn Islands
LT	Lesotho	PL	Poland
LI	Liberia	PO	Portugal
LY	Libya	RQ	Puerto Rico
LS	Liechtenstein	QA	Qatar
LH	Lithuania	CF	Republic of the Congo
LU	Luxembourg	RO	Romania
MC	Macau	RS	Russia
MK	Macedonia	RW	Rwanda
MA	Madagascar	SH	Saint Helena
MI	Malawi	SC	Saint Kitts and Nevis
MY	Malaysia	ST	Saint Lucia
MV	Maldives	SB	Saint Pierre and Miquelon
ML	Mali	VC	Saint Vincent and the Grenadines
MT	Malta	WS	Samoa
RM	Marshall Islands	SM	San Marino
MB	Martinique	TP	Sao Tome and Principe
MR	Mauritania	SA	Saudi Arabia
MP	Mauritius	UK	Scotland
MX	Mexico	SG	Senegal
MD	Moldova	SR	Serbia
MN	Monaco	SE	Seychelles
MG	Mongolia	SL	Sierra Leone
MW	Montenegro	SN	Singapore
MH	Montserrat	LO	Slovakia
MO	Morocco	SI	Slovenia
MZ	Mozambique	BP	Solomon Islands
WA	Namibia	SO	Somalia

SF	South Africa	TU	Turkey
SX	South Georgia South Sandwich Islands	TX	Turkmenistan
KS	South Korea	TK	Turks and Caicos Islands
SP	Spain	TV	Tuvalu
PG	Spratly Islands	VQ	US Virgin Islands
CE	Sri Lanka	UG	Uganda
SU	Sudan	UK	UK Sovereign Base Area
NS	Suriname	UP	Ukraine
WZ	Swaziland	AE	United Arab Emirates
SW	Sweden	US	United States
SZ	Switzerland	DQ	United States Unincorporated Asia
SY	Syria	BQ	United States Unincorporated North America
TW	Taiwan	UY	Uruguay
TI	Tajikistan	UZ	Uzbekistan
TZ	Tanzania	NH	Vanuatu
TH	Thailand	VT	Vatican City
BF	The Bahamas	VE	Venezuela
GA	The Gambia	VM	Vietnam
TT	Timor Leste	UK	Wales
TO	Togo	WF	Wallis and Futuna
TL	Tokelau	WI	Western Sahara governed by Morocco
TN	Tonga	YM	Yemen
TD	Trinidad and Tobago	ZA	Zambia
TE	Tromelin Island	ZI	Zimbabwe
TS	Tunisia		

6. Country Lists by Volume

Volume 1 - North America

Anguilla	Dominican Republic	Montserrat	The Bahamas
Antigua & Barbuda	El Salvador	Netherlands	Trinidad & Tobago
Aruba	Greenland	Antilles	Turks &
Barbados	Grenada	Nicaragua	Caicos Islands
Belize	Guadeloupe	Panama	United States
British Virgin Islands	Guatemala	Puerto Rico	United States
Canada	Haiti	Russia	Unincorporated Asia
Cayman Islands	Honduras	St. Kitts & Nevis	United States
Costa Rica	Iceland	St. Lucia	Unincorporated
Cuba	Jamaica	St. Pierre & Miquelon	North America
Dominica	Martinique	St. Vincent &	US Virgin Islands
	Mexico	The Grenadines	

Volume 2 - Europe

Albania	Finland	Lithuania	San Marino
Andorra	France	Luxembourg	Serbia
Austria	Germany	Macedonia	Slovakia
Belarus	Gibraltar	Malta	Slovenia
Belgium	Greece	Moldova	Spain
Bosnia and Herzegovina	Guernsey	Monaco	Sweden
Bulgaria	Hungary	Montenegro	Switzerland
Croatia	Ireland	Netherlands	Ukraine
Czech Republic	Isle of Man	Northern Ireland	United States
Denmark	Italy	Norway	(Alaska-
England	Jersey	Poland	Aleutians West)
Estonia	Kosovo	Portugal	Vatican City
Faroe Islands	Latvia	Romania	
	Liechtenstein	Russia	

Volume 3 – South America, Africa & The Middle East

Afghanistan	Equatorial Guinea	Lesotho	South Georgia & South Sandwich Islands
Algeria	Eritrea	Liberia	Sudan
American Samoa	Ethiopia	Libya	Suriname
Angola	Europa Island	Madagascar	Swaziland
Argentina	Falkland Islands Islas Malvinas	Malawi	Syria
Armenia	Fiji	Mali	Tajikistan
Azerbaijan	France (Mayotte/ Reunion)	Mauritania	Tanzania
Bahrain	French Guiana	Mauritius	The Gambia
Benin	French Polynesia	Morocco	Togo
Bermuda	French Southern & Antarctic Lands	Mozambique	Tokelau
Bolivia	Gabon	Namibia	Tonga
Botswana	Gaza	New Zealand	Tromelin Island
Bouvet Island	Georgia	Niger	Tunisia
Brazil	Ghana	Nigeria	Turkey
Burkina Faso	Glorioso Islands	Niue	Turkmenistan
Burundi	Guinea	Oman	Uganda
Cameroon	Guinea-Bissau	Pakistan	UK Sovereign Base Area
Cape Verde	Guyana	Paraguay	United Arab Emirates
Central African Republic	Heard Island & McDonald Islands	Peru	United States Unincorporated Asia
Chad	Iran	Pitcairn Islands	Uruguay
Chile	Iraq	Qatar	Uzbekistan
Clipperton Island	Israel	Republic of the Congo	Venezuela
Colombia	Jordan	Rwanda	Wales
Comoros	Juan De Nova Island	Saint Helena	Wallis and Futuna
Cook Islands	Kazakhstan	Samoa	Western Sahara Governed by Morocco
Cote D'Ivoire	Kenya	Sao Tome & Principe	Yemen
Cyprus	Kiribati	Saudi Arabia	Zambia
Democratic Republic of the Congo	Kuwait	Scotland	Zimbabwe
Disputed area (Saudi Arabia/Yemen)	Kyrgyzstan	Senegal	
Djibouti	Lebanon	Seychelles	
Ecuador		Sierra Leone	
Egypt		Somalia	
		South Africa	

Volume 4 – Asia

Ashmore & Cartier Islands	Federated States of Micronesia	Mongolia	Soloman Islands
Australia	Fiji	Nauru	South Korea
Bangladesh	Guam	Nepal	Spratly Islands
Bhutan	Hong Kong	New Calendonia	Sri Lanka
British Indian Ocean Territory	India	New Zealand	Taiwan
Brunei	Indonesia	Norfolk Island	Thailand
Burma	Japan	North Korea	Timor Leste
Cambodia	Kiribati	Northern Mariana Islands	Tuvalu
China	Laos	Palau	United States Unincorporated Asia
Christmas Island	Macau	Papua New Guinea	Vanuatu
Cocos Keeling Islands	Malaysia	Parcel Islands	Vietnam
	Maldives	Philippines	
	Marshall Islands	Singapore	

7. Tech Support

To Contact ADC WorldMap's Technical Support Center:

Phone: 800.236.7973 (U.S. and Canada)

920.733.6678 (International)

Fax: 866.828.5512

E-mail: info@adcworldmap.com

Hours: 8:00 a.m. to 5:00 p.m. Central Time, Monday through Friday, except holidays.

8. Copyright Notice for Printed Materials

ADC WorldMap 5.3 is copyrighted. It is necessary to include the following copyright notice on printed materials that include ADC WorldMap images.

ADC WorldMap is copyrighted by and a trademark of ADC WorldMap, The Desktop Mapping Division of ADCi, 338 W. College Ave., Suite 201; Appleton, WI 54911; E-mail at info@adcworldmap.com

The copyright notice must be shown on all printed materials containing any portion of ADC WorldMap products. Contact ADC WorldMap with any questions about copyright use.

9. License Agreement

This Data and Software, including any documentation and media (Product), is protected by Copyright laws and international treaty and is a proprietary Product of American Digital Cartography, Inc. (ADCi). The use of this Product is also governed by the terms of the Product License Agreement that follow (Agreement). If for any reason you do not agree to the terms of the Agreement, please return the Product to your reseller within 30 days of the date of purchase for a refund, or contact ADCi to discuss special licensing opportunities.

LICENSE RIGHTS

ADCi grants you the right to use this Product in the quantity indicated in your invoice for the Product from ADCi. Unless your invoice specifies otherwise, this license authorizes use of the ADC WorldMap Product by ONE user. If this Product is an upgrade from a previous version of an ADC WorldMap data or software Product, you may utilize either the current or prior version of the Product, but never both versions at the same time. This Agreement supersedes any prior version license and governs your use of the Product.

For a single-user computer or workstation not attached to a network, or for a network server, the Product is considered "in use" when any portion of the Product is either loaded in memory or virtual memory (Loaded) or stored on a hard disk or other storage device (Stored). For single user computers or workstations, attached to a network, the quantity of the Product "in use" is considered to be the greater of (i) the maximum number of computers on which the Product is Loaded at any one time, or (ii) the maximum number of computers on which the Product is stored. On a multi-user computer the quantity of the Software "in use" is considered to be the maximum number of sessions Loaded at any one time.

You may make copies of the written documentation portion of this Product, in support of your authorized use of this ADCi product. You may also make an archival copy of the Product for each License obtained under this Agreement.

RESTRICTIONS

You may not distribute, rent or lease the Product without the written permission of ADCi. You may not decompile, disassemble, reverse engineer, copy, port, translate, create a derivative work, or otherwise use the Product except as stated in this Agreement. Irrespective of the number of sets of media included with the Product, you are granted the right to use the Product only in the quantity indicated in your purchase agreement.

HOME OR PORTABLE COMPUTER PROVISION

You are authorized to use a copy of the Product on a home or portable computer, as long as the extra copy is never Loaded at the same time the Product is Loaded on the primary computer on which you use the Software.

LIMITED WARRANTY/LIMITATION OF LIABILITY

This product is provided with a limited warranty against defective media. If any media in the product package are defective, return them to ADCi at the addresses given below within thirty (30) days of the date of receipt, with proof of purchase, and the defective media will be replaced at no charge.

OTHER THAN THE ABOVE LIMITED WARRANTY, THIS PRODUCT IS LICENSED AS IS, AND ALL OTHER WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. IN NO EVENT WILL ADCi BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOST PROFIT ARISING FROM USE OF PRODUCT EVEN IF ADCi OR ITS REPRESENTATIVE WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some jurisdictions do not allow excluding or limiting implied warranties or limiting liability for incidental or consequential damages, and some jurisdiction have special statutory consumer protection provisions that may supersede this limitation. As a result, this limitation of liability may

not apply to you if prohibited by the laws of your jurisdiction.

CUSTOMER SUPPORT

ADCi will attempt to answer your technical support request concerning the Product; however, this service is offered on a reasonable effort basis only, and ADCi may not be able to resolve every support request. ADCi supports the Product only if it is used under conditions and on operating systems for which the Product is designed.

GENERAL

If any provision of this Agreement is found to be unlawful, void, or unenforceable, then that provision shall be severed from this Agreement and will not affect the validity and enforceability of any of the remaining provisions. This Agreement shall be governed by the laws of the United States and the State of Wisconsin.

EXPORT COMPLIANCE

You are only licensed to export this Product in compliance with the Export Administration Act and the regulations thereunder.

U.S. GOVERNMENT RESTRICTED RIGHTS

The Product and any accompanying materials are provided with Restricted Rights. Use, duplication, or disclosure by the Government is subject to restrictions as set forth in subparagraph ©(1)(ii) of The Rights in Technical Data and Computer Software clause at DFARS 252.227 -7013 or subparagraphs ©(1) and(2) of the Commercial Computer Software -Restricted Rights at 48 CFR 52.227 -19, as applicable.

Contractor/manufacture is American Digital Cartography, Inc., at the address below.

QUESTIONS AND WARRANTY CLAIMS

If you have any questions concerning the terms of this Agreement, or you wish to return defective media, please write to American Digital Cartography, Inc., 338 W. College Ave., Suite 201, Appleton, Wisconsin 54911, USA or call 920.733.6678.

10. Appendix A – Description of cities

PLACE_TYPE beginning with **P0** = National Capital City / Administrative Center

PLACE_TYPE beginning with **P1** = Administrative Level 1 Capital

PLACE_TYPE beginning with **P2** = Administrative Level 2 Capital

PLACE_TYPE beginning with **P3** = Administrative Level 3 Capital

The Admin1 and Admin2 definitions are dependent upon the make-up of the country's sub-national boundary structure. Admin 1 = the 1st level sub-national boundary, Admin2 = 2nd level and so on. For example: In the US, Admin1 = State and Admin2 = County. While in France the Admin1 = Region and Admin2 = Department

PLACE_TYPE	Population Range
P01	Greater than 3 million
P02	900,000 to 3 million
P03	250,000 to 900,000
P04	75,000 to 250,000
P05	25,000 to 75,000
P06	10,000 to 25,000
P07	5,000 to 10,000
P08	0 to 5,000
P0N	Unknown
P11	Greater than 3 million
P12	900,000 to 3 million
P13	250,000 to 900,000
P14	75,000 to 250,000
P15	25,000 to 75,000
P16	10,000 to 25,000
P17	5,000 to 10,000
P18	0 to 5,000
P1S	City Suburb
P21	Greater than 3 million
P22	900,000 to 3 million
P23	250,000 to 900,000
P24	75,000 to 250,000
P25	25,000 to 75,000
P26	10,000 to 25,000
P27	5,000 to 10,000
P28	0 to 5,000
P2N	Unknown
P2S	City Suburb
P31	Greater than 3 million
P32	900,000 to 3 million
P33	250,000 to 900,000
P34	75,000 to 250,000
P35	25,000 to 75,000
P36	10,000 to 25,000
P37	5,000 to 10,000

P38	0 to 5,000
P3N	Unknown
P3S	City Suburb
PAI	International Airport
PP1	Greater than 3 million
PP2	900,000 to 3 million
PP3	250,000 to 900,000
PP4	75,000 to 250,000
PP5	25,000 to 75,000
PP6	10,000 to 25,000
PP7	5,000 to 10,000
PP8	0 to 5,000
PPN	Indicates a place of unknown significance. Generally this would suggest a very small settlement
PIS	Island
PPR	Is a suburb/neighborhood which has derived its name from a important street
PPS	City suburb

11. Appendix B – Description of Roads

CAT	FEATURE
RMO1	Motorways (Visibility Level 1)*
RMO2	Motorways (Visibility Level 2)*
RMO3	Motorways (Visibility Level 3)*
RPR1	Principle National Routes (non-motorway) Level 1*
RPR2	Principle National Routes (non-motorway) Level 2*
RPR3	Principle National Routes (non-motorway) Level 3*
RIR1	Important Routes Level 1*
RIR2	Important Routes Level 2*
RIR3	Important Routes Level 3*
RMR1	Major Roads Level 1*
RMR2	Major Roads Level 2*
RMR3	Major Roads Level 3*
ROR1	Other Roads Level 1*
ROR2	Other Roads Level 2*
ROR3	Other Roads Level 3*

Please refer to the following Visibility/Level feature definitions:

Visibility/Level 1 – is the least detailed level and approximates to the amount of detail you would see looking at a printed map at scale 5,000,000 or 10,000,000 – a typical Atlas page.

Visibility/Level 2 – contains more than Level 1, equating approximately to a map at scale 2,000,000.

Visibility/Level 3 – is the most detailed level and shows most of what you would see in a map at scale 1,000,000 or even 500,000.

The content of a given level is not necessary feature code dependent (i.e. Level 1 Roads are not always only RMO codes), rather it is a view containing an amount/level of detail correlating to and proportional to a map scale. Level 1 roads, for example, will normally contain a network made up of RMO, RPR and RIR categories. In less developed countries, the Level 1 Road network may also include RMR and even ROR categories, because they do not have Motorways/Interstate/Expressway type roads. Thus to extend the above descriptions to the road network:

Visibility/Level 1 – Consists of the most important interstate/national network for a given city.

Visibility/Level 2 – Consists of Level 1, plus the major/primary road network for a given country.

Visibility/Level 3 – Consists of Levels 1 and 2, plus the remaining secondary/country road network for a given country.

12. Appendix C - City Population Data Sources

Country: Armenia
Agency: National Statistical Service of the Republic of Armenia
Website: <http://www.armstat.am/en/>
Website (Location of Publication if any): <http://www.armstat.am/en/?nid=82&id=780>
Website Access: 4/27/2009
Publication(s):
MARZES OF THE REPUBLIC OF ARMENIA IN FIGURES, 2003-2007

Country: Austria
Agency: STATISTIK AUSTRIA - Statistics Austria
Website: http://www.statistik.at/index_englisch.shtml
Website (Location of Publication if any):
http://www.statistik.at/web_de/statistiken/bevoelkerung/volkszaehlungen/index.html
Website Access: 4/6/2009
Publication(s):
Berechnung des vorläufigen Bevölkerungsstandes 31.10.2008 nach Gemeinden

Country: Belgium
Agency: National Institute of Statistics
Website: http://statbel.fgov.be/home_en.asp
Website (Location of Publication if any): <http://statbel.fgov.be/downloads/pop200801com.xls>
Website Access: 4/6/2009
Publication(s):
Population de droit par commune au 1 janvier 2008

Country: Belize
Agency: Statistical Institute of Belize
Website: <http://www.cso.gov.bz/>
Website (Location of Publication if any): ----
Website Access Date: 4/6/2009
Publication(s):
2008: Mid-Year Population Estimates by Region and Sex
Household and Average Household Size by District: 1991 and 2000

Country: Brazil
Agency: Brazilian Institute of Geography and Statistics (IBGE)
Website: <http://www.ibge.gov.br/>
Website (Location of Publication if any): ----
Website Access: 4/6/2009
Publication(s):
ESTIMATIVAS DAS POPULAÇÕES RESIDENTES, EM 1º DE JULHO DE 2008, SEGUNDO OS MUNICÍPIOS

Country: Cape Verde
Agency: Instituto Nacional de Estatística
Website: <http://www.ine.cv/>
Website (Location of Publication if any): ----
Website Access: 4/6/09
Publication(s):
Census 2000- Instituto Nacional de Estatística; QUADRO 49: POPULAÇÃO RESIDENTE E AGREGADOS FAMILIARES POR ZONAS E LUGARES

Country: Colombia
Agency: National Administrative Department of Statistics (DANE)
Website: <http://www.dane.gov.co/>
Website (Location of Publication if any):
http://190.25.231.242/redatam/CG2005/Total_poblacion_conciliada_mpal.xls
Website Access: 4/14/2009
Publication(s):
COLOMBIA. Censo General 2005 Resultados Ajuste Censal (A Junio 30 de 2005) MUNICIPIOS

Country: Croatia
Agency: Croatian Bureau of Statistics
Website: http://www.dzs.hr/default_e.htm
Website (Location of Publication if any): -----
Website Access: 4/6/2009
Publication(s):
POPULATION CONTINGENTS, BY TOWNS/MUNICIPALITIES, CENSUS 2

Country: Cyprus
Agency: Department of Statistics and Research
Website: http://www.mof.gov.cy/mof/cystat/statistics.nsf/index_en/index_en?OpenDocument
Website (Location of Publication if any):
[http://www.mof.gov.cy/mof/cystat/statistics.nsf/All/A5E0A9096615A568C2257122003FB72E/\\$file/POPULATION%20BY%20MUNICIPALITY_COMMUNITY-EN.xls?OpenElement](http://www.mof.gov.cy/mof/cystat/statistics.nsf/All/A5E0A9096615A568C2257122003FB72E/$file/POPULATION%20BY%20MUNICIPALITY_COMMUNITY-EN.xls?OpenElement)
Website Access: 4/6/2009
Publication(s):
ENUMERATED HOUSING UNITS, HOUSEHOLDS, INSTITUTIONS AND POPULATION BY DISTRICT, MUNICIPALITY/COMMUNITY AND QUARTER (1st October 2001)

Country: Czech Republic
Agency: Czech Statistical Office
Website: <http://www.czso.cz/eng/redakce.nsf/i/home>
Website (Location of Publication if any): <http://www.czso.cz/csu/2008edicniplan.nsf/engp/1302-08>
Website Access: 4/6/2009
Publication(s):
Small Lexicon of Municipalities of the Czech Republic 2008

Country: Denmark
Agency: Statistic Denmark
Website: www.stabank.dk
Website (Location of Publication if any): www.stabank.dk
Website Access: 4/8/2009
Publication(s):
Population 1 January by parish, sex, age and member of national church (20072009)

Country: Faroe Islands
Agency: Statistics Faroe Islands
Website: http://www.hagstova.fo/portal/page/portal/HAGSTOVAN/Statistics_%20Faroe_Islands
Website (Location of Publication if any):
<http://www.hagstova.fo/portal/page/portal/44EE8B25A8074C77A6AC9EFA366A9C66>
Website Access: 4/14/2009
Publication(s):
Population 1. January by village/city and gender (1985-2008)

Country: France
Agency: National Institute of Statistics and Economic Studies (INSEE)
Website: http://www.insee.fr/en/home/home_page.asp
Website (Location of Publication if any): <http://www.insee.fr/fr/ppp/bases-de-donnees/recensement/populations-legales/france-departements.asp>
Website Access: 4/6/2009
Publication(s):
Populations légales des communes en vigueur au 1er janvier 2009

Country: Germany
Agency: Federal Statistical Office
Website: http://www.destatis.de/e_home.htm
Website (Location of Publication if any): https://www-ec.destatis.de/csp/shop/sfg/bpm.html.cms.cBroker.cls?cmspath=struktur_vollanzeige.csp&ID=1023500
Website Access: 4/6/2009
Publication(s):
Gemeindeverzeichnis GV2000 - Auszug aus den Gemeindedaten - Jahresausgabe zum 31.12.2007

Country: Iceland
Agency: Statistics Iceland
Website: <http://www.statice.is/pages/916>
Website (Location of Publication if any):
http://www.statice.is/?PageID=1173&src=/temp_en/Dialog/varval.asp?ma=MAN03106%26ti=Population+in+urban+nuclei+by+sex+and+age+1+January+1998%2D2009+%26path=../Database/mannfoldi/Byggdakjar+nar/%26lang=1%26units=Number ;
http://www.statice.is/?PageID=1172&src=/temp_en/Dialog/varval.asp?ma=MAN02001%26ti=Population+by+municipalities%2C+sex+and+age+1+January+1998%2D2009+%26path=../Database/mannfoldi/sveitarfelog/%26lang=1%26units=Number
Website Access: 4/14/2009
Publication(s):
Population in urban nuclei by sex and age 1 January 19982009
Population by municipalities, sex and age 1 January 19982009

Country: Ireland
Agency: Federal Statistical Office
Website: <http://www.cso.ie/>
Website (Location of Publication if any):
http://beyond2020.cso.ie/census/ReportFolders/ReportFolders.aspx?CS_referer=&CS_ChosenLang=en
Website Access: 4/6/2009
Publication(s):
Alphabetical list of Towns with their population, 2002 and 2006

Country: Italy
Agency: National Institute of Statistics
Website: <http://www.istat.it/english/>
Website (Location of Publication if any): http://demo.istat.it/pop2008/index_e.html
Website Access: 4/6/2009
Publication(s):
Resident population by age, sex and marital status on 1st January Year 2008

Country: Latvia
Agency: Central Statistical Bureau of Latvia
Website: <http://www.csb.lv//avidus.cfm>
Website (Location of Publication if any):
<http://data.csb.gov.lv/DATABASEEN/ledzsoc/Annual%20statistical%20data/04.%20Population/04.%20Population.asp>
Website Access: 4/6/2009
Publication(s): 4-46. POPULATION BY ADMINISTRATIVE TERRITORIAL DIVISION

Country: Netherlands
Agency: Statistics Netherlands (CBS)
Website: <http://www.cbs.nl/en-GB/default.htm>
Website (Location of Publication if any): <http://statline.cbs.nl/StatWeb/dome/default.aspx?LA=EN>
Website Access: 4/6/2009
Publication(s):
Kerncijfers wijken en buurten 2003-2008

Country: New Zealand
Agency: Statistics New Zealand
Website: <http://www.stats.govt.nz/default.htm>
Website (Location of Publication if any): <http://www.stats.govt.nz/products-and-services/table-builder/default.htm>
Website Access: 5/4/2009
Publication(s):
Estimated resident population of territorial authority areas and area units by age (broad age groups and five year age groups) and sex, at 30 June 2006-2008.

Country: Norway
Agency: Statistics Norway (Statistisk sentralbyrå)
Website: <http://www.ssb.no/>
Website (Location of Publication if any): http://www.ssb.no/befteft_en/
Website Access: 4/6/2009
Publication(s):
Urban settlements. Population and area, by municipality. 1 January 2008
Population and area in urban settlements. Municipality. 1 January 2008
New and omitted urban settlements. 1 January 2008

Country: Norway
Agency: Oslo Kommune
Website: <http://www.oslo.kommune.no/>
Website (Location of Publication if any): http://www.utviklings-og-kompetanseetaten.oslo.kommune.no/oslostatistikken/emnevis_statistikk/befolkningen_etter_demografi/
Website Access: 4/29/2009
Publication(s):
Befolkningen etter prosti, menighet og aldersgrupper pr.1.1 (20052008)

Country: Peru
Agency: National Institute of Statistics and Informatics
Website: <http://www.inei.gob.pe/>
Website (Location of Publication if any): <http://desa.inei.gob.pe/censos2007/tabulados/>
Website Access: 4/14/2009
Publication(s):
XI Censo de Población y VI de Vivienda 2007

Country: Poland
Agency: Central Statistical Office
Website: http://www.stat.gov.pl/gus/index_ENG_HTML.htm
Website (Location of Publication if any): http://www.stat.gov.pl/bdren_n/app/dane_podgrup.katgrup
Website Access: 4/6/09
Publication(s):
POPULATION AND HOUSING CENSUS 2002 POPULATION

Country: Scotland
Agency: General Register Office for Scotland
Website: <http://www.gro-scotland.gov.uk/grosweb/grosweb.nsf/pages/censushm>
Website (Location of Publication if any): <http://www.gro-scotland.gov.uk/census/censushm/scotcen2/reports-and-data/scotcen8.html>
Website Access: 4/6/2009
Publication(s):
2001 Communal establishment residents

Country: Slovakia
Agency: Statistical Office of the Slovak Republic
Website: <http://portal.statistics.sk/showdoc.do?docid=359>
Website (Location of Publication if any): <http://portal.statistics.sk/showdoc.do?docid=3028>
Website Access: 4/6/2009
Publication(s):
Pocet obyvateľov k 31.12.2008 / Population on 31th December 2008

Country: Slovenia
Agency: Statistical Office of the Republic of Slovenia
Website: <http://www.stat.si/eng/index.asp>
Website (Location of Publication if any):
http://www.stat.si/pxweb/Dialog/varval.asp?ma=0520309E&ti=Population+by+age+groups+and+sex%2C+settlements%2C+Slovenia%2C+half%2Dyearly&path=../Database/Demographics/05_population/02_05007_nu_mb_struct/01_05203_age_sex/&lang=1
Website Access: 4/6/2009
Publication(s):
Population by age groups and sex, settlements, Slovenia, 30 June 2008

Country: South Africa
Agency: Statistics South Africa
Website: <http://www.statssa.gov.za/default.asp>
Website (Location of Publication if any): <http://www.statssa.gov.za/census01/html/C2001Interactive.asp>
Website Access: 4/9/09
Publication(s):
Census 2001; Demarcation boundaries as at 9 December 2005: Person statistics: Municipality level

Country: Spain
Agency: National Institute of Statistics
Website: <http://www.ine.es/welcoing.htm>
Website (Location of Publication if any):
<http://www.ine.es/jaxi/menu.do?type=pcaxis&path=%2Ft20%2Fe260%2Fa2008%2F&file=pcaxis&N=&L=1>
Website Access: 4/6/2009
Publication(s):
Population Figures referring to Municipal Register 1 January 2008

Country: Sweden
Agency: Statistics Sweden
Website: <http://www.scb.se/eng/index.asp>
Website (Location of Publication if any):
<http://www.ssd.scb.se/databaser/makro/MainTable.asp?yp=tansss&xu=C9233001&omradekod=BE&omrade text=Population&lang=2&langdb=2>
Website Access: 4/6/2009
Publication(s):
Population by localities. Every fifth year 1990-2005 [2006-11-30]
Population by smaller localities (places with 50-199 inhabitants). Every fifth year 1995-2005 [2007-04-27]

Country: Switzerland
Agency: Swiss Federal Statistical Office
Website: <http://www.bfs.admin.ch/bfs/portal/en/index.html>
Website (Location of Publication if any):
<http://www.bfs.admin.ch/bfs/portal/fr/index/themen/01/02/blank/dos/result.html>
Website Access: 4/6/2009
Publication(s):
Bilan de la population résidante permanente selon les cantons, districts et communes

Country: Turkey
Agency: Turkish Statistical Institute; Turkish Statistical Institute Regional Statistics
Website:
Website (Location of Publication if any): <http://tuikapp.tuik.gov.tr/Bolgesel/anaSayfa.do?dil=en>
Website Access: 4/10/09
Publication(s):
City and village population according to Address Based Population Registration System

Country: United States
Agency: U.S. Census Bureau
Website: <http://www.census.gov/>
Website (Location of Publication if any): <http://www.census.gov/popest/datasets.html>
Website Access: 4/10/2009
Publication(s):
Incorporated place and minor civil division population dataset

Country: Uruguay
Agency: National Institute of Statistics
Website: <http://www.ine.gub.uy/>
Website (Location of Publication if any): http://www.ire.gub.uy/fase1new/divulgacion_definitivos.asp
Website Access: 4/6/2009
Publication(s):
Población por grupo de edades, según localidad y sexo

Country: World Populations
Agency: Stefan Helder @ World Gazetteer.com
Website: <http://www.world-gazetteer.com>