

NOAA COASTAL MAPPING PROGRAM PROJECT COMPLETION REPORT

PROJECT NY1406C-CM-T

Erie Canal, Montezuma Marsh to Tonawanda, New York

Introduction

Coastal Mapping Program (CMP) Project NY1406C-CM-T provides highly accurate digital shoreline data for the Erie Canal extending from Montezuma Marsh to Tonawanda, New York. NY1406C-CM-T is a sub-project of a larger project, NY1406-CM-T, which covers nearly the entire Erie Canal, from Lock 4 near Waterford to Tonawanda, NY. The Geographic Cell (GC) may be used in support of the NOAA Nautical Charting Program (NCP) as well as geographic information systems (GIS) for coastal zone management applications.

Project Design

Project NY1406-CM-T was designed per a request from the Marine Chart Division (MCD) of NOAA's Office of Coast Survey for GIS data to support an initiative to develop new charts for the New York State Canal System. Available source data deemed adequate for successful completion of this project included color orthomosaic image tiles from the New York State Digital Ortho-imagery Program (NYSDOP). The orthoimages were collected and processed from April 2010 to May 2013 and have a spatial resolution of 0.2 – 0.6 meters.

Field Operations

Routine CMP field operations did not apply for this project based on the origin of the project imagery, which was obtained from external sources.

Georeferencing

Refining the georeferencing of the orthoimage tiles used for compilation was not necessary since image positioning compared favorably spatially with sources used to verify its accuracy, and since an acceptable accuracy assessment was provided for the imagery. The source photography was aerotriangulated and the orthoimage accuracy analysis resulted in a reported circular error of 1.2 – 2.4 meters based on a 95% confidence level (CE95). For further information on the collection and processing of the orthoimagery, including horizontal accuracy, refer to the NYSDOP metadata on file within the RSD Electronic Data Library. All positional data for this project is referenced to the North American Datum of 1983 (NAD 83).

Compilation

The compilation of cartographic feature data for this project was accomplished by a member of the Applications Branch (AB) of the Remote Sensing Division (RSD) in January 2016. Using ESRI ArcGIS desktop GIS software (ver. 10.2.2), digital feature data was compiled in shapefile format from the orthoimagery. Feature attribution was assigned in compliance with the Coastal Cartographic Object Attribute Source Table (C-COAST), which provides the definition and attribution scheme for the full range of cartographic features pertinent to the CMP. Selected

features were further modified with additional descriptive information to refine general classification.

Spatial data accuracies for Project NY1406C-CM-T were determined according to standard Federal Geographic Data Committee (FGDC) practices. Cartographic features were compiled to meet a horizontal accuracy of 2.4 – 4.8 meters at the 95% confidence level. This predicted accuracy of compiled, well-defined points was derived by doubling the CE95 reported by the image provider. See the Image Sources Table (Appendix 1) for further information on images used. Due to seasonal meteorological conditions and manipulation of water control structures, the water levels of canals, lakes and rivers in the project area may vary, but the waterways are considered to be non-tidal.

Quality Control / Final Review

Quality control tasks were conducted during all phases of project completion by a senior member of AB. The final QC review was completed in February 2016. The review process consisted of an assessment of the identification and attribution of cartographic features according to image analysis and criteria defined in C-COAST. The quality control process concluded with an inspection of topological connectivity within the GC using ArcGIS (ver. 10.3.1). All project data was evaluated for compliance to CMP requirements.

Comparisons of the largest scale NOAA nautical chart with source imagery and compiled project data resulted in creation of the Chart Evaluation File (CEF). The following nautical charts were used in the comparison process:

- 14786 New York State Canal System Book Chart, 1:20,000 scale, 14th Ed., Oct. 2008
- 14800 Lake Ontario, 1:400,000 scale, 10th Ed., Sep. 2005
- 14822 Approaches to Niagara River and Welland Canal, 1:80,000 scale, 32nd Ed., Aug. 2005

End Products and Deliverables

The following specifies the location and identification of end products generated during the completion of this project:

Remote Sensing Division Electronic Data Library

- NYSDOP orthoimage metadata
- Project Completion Report (PCR)
- GC11133 in shapefile format
- Chart Evaluation File in shapefile format

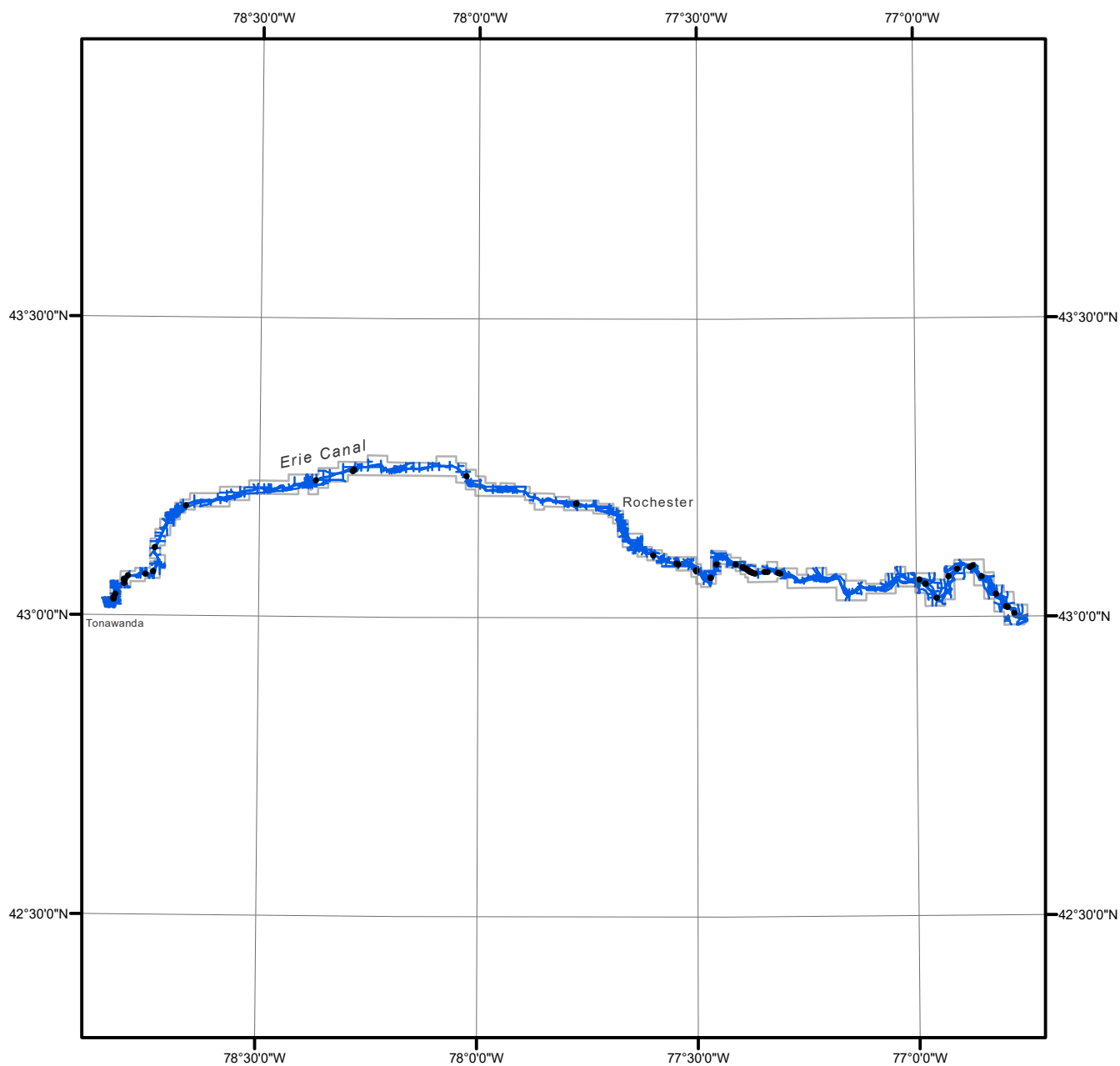
NOAA Shoreline Data Explorer

- GC11133 in shapefile format
- Metadata file for GC11133
- Digital copy of the PCR

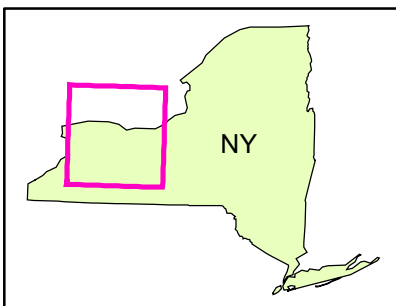
End of Report

ERIE CANAL, MONTEZUMA MARSH TO TONAWANDA

NEW YORK



Overview



NY1406C-CM-T

GC11133

Appendix 1 Image Sources Table

Image#	Source (Tile) ID	GSD	Date	Accuracy
1	c 06091118 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
2	c 06091120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
3	c 06091122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
4	c 06121118 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
5	c 06121120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
6	c 06121122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
7	c 06151118 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
8	c 06151120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
9	c 06151122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
10	c 06151124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
11	c 06181120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
12	c 06181122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
13	c 06181124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
14	c 06211118 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
15	c 06211120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
16	c 06211122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
17	c 06211124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
18	c 06241118 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
19	c 06241120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
20	c 06241122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
21	c 06271118 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
22	c 06271120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
23	c 06271122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
24	c 06301116 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
25	c 06301118 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
26	c 06301120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
27	c 06331114 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
28	c 06331116 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
29	c 06331118 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
30	c 06331120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
31	c 06721106 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
32	c 06721108 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
33	c 06721110 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
34	c 06721112 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
35	c 06721114 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
36	c 06751108 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
37	c 06751110 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m

38	c 06751112 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
39	c 06751114 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
40	c 06781108 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
41	c 06781110 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
42	c 06781112 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
43	c 06811108 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
44	c 06811110 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
45	c 06811112 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
46	c 06841108 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
47	c 06841110 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
48	c 06841112 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
49	c 06871108 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
50	c 06871110 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
51	c 06871112 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
52	c 06871114 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
53	c 06901110 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
54	c 06901112 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
55	c 06901114 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
56	c 06901116 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
57	c 06931112 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
58	c 06931114 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
59	c 06931116 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
60	c 06931118 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
61	c 06061116 24 19200 4bd 2012	0.6 m	4/7/2012	2.4 m
62	c 06121116 24 19200 4bd 2012	0.6 m	4/7/2012	2.4 m
63	c 06181116 24 19200 4bd 2012	0.6 m	4/7/2012	2.4 m
64	c 06181124 24 19200 4bd 2012	0.6 m	4/7/2012	2.4 m
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66	c 06301112 24 19200 4bd 2012	0.6 m	4/7/2012	2.4 m
67	c 06301116 24 19200 4bd 2012	0.6 m	4/7/2012	2.4 m
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77	c 06541112 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
78	c 06541116 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m

79	c 06601104 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
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81	c 06601112 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
82	c 06601116 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
83	c 06661104 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
84	c 06661108 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
85	c 06661112 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
86	c 06721104 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
87	c 06721108 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
88	c 06721112 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
89	c 06901108 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
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91	c 06901116 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
92	c 06961112 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
93	c 06961116 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
94	c 06961120 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
95	c 07021112 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
96	c 07021116 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
97	c 07081108 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
98	c 07081112 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
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102	c 07141108 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
103	c 07141112 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
104	c 07141116 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
105	c 07201100 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
106	c 07201104 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
107	c 07201108 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
108	c 07201112 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
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111	c 07261112 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
112	c 07261116 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
113	c 07261120 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
114	c 07321116 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
115	c 07321120 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
116	c 07321124 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
117	c 07381120 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
118	c 07381124 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
119	c 07441112 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m

120	c 07441116 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
121	c 07441120 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
122	c 07441124 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
123	c 07501104 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
124	c 07501108 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
125	c 07501112 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
126	c 07501116 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
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128	c 07561100 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
129	c 07561100 24 19200 4bd 2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
130	c 07561104 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
131	c 07561108 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
132	c 07621088 24 19200 4bd 2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
133	c 07621092 24 19200 4bd 2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
134	c 07621096 24 19200 4bd 2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
135	c 07621100 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
136	c 07621100 24 19200 4bd 2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
137	c 07621104 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
138	c 07681088 24 19200 4bd 2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
139	c 07681092 24 19200 4bd 2011	0.6 m	5/9/2011 - 5/11/2011	2.4 m
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157	w 10801112 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
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159	w 10831102 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
160	w 10831104 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m

161	w 10831106 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
162	w 10831108 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
163	w 10831110 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
164	w 10831112 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
165	w 10861110 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
166	w 10861112 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
167	w 10861114 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
168	w 10861116 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
169	w 10861118 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
170	w 10891110 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
171	w 10891112 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
172	w 10891114 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
173	w 10891116 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
174	w 10891118 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
175	w 10921114 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
176	w 10921116 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
177	w 10921118 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
178	w 10951114 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
179	w 10951116 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
180	w 10951118 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
181	w 10951120 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
182	w 10981114 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
183	w 10981116 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
184	w 10981118 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
185	w 10981120 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
186	w 11011116 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
187	w 11011118 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
188	w 11011120 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
189	w 11041116 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
190	w 11041118 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
191	w 11041120 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
192	w 11041122 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
193	w 11041124 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
194	w 11041128 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
195	w 11041130 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
196	w 11041132 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
197	w 11041134 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
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199	w 11041138 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
200	w 11071116 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
201	w 11071118 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m

202	w 11071120 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
203	w 11071122 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
204	w 11071124 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
205	w 11071126 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
206	w 11071128 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
207	w 11071130 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
208	w 11071132 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
209	w 11071134 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
210	w 11071136 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
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232	w 11131152 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
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235	w 11161150 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
236	w 11161152 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
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242	w 11191158 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m

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250	w 11251162 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
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259	w 11341162 12 09600 4bd 2011	0.3 m	4/30/2011	1.2 m
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261	w 11881170 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
262	w 11881172 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
263	w 11881174 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
264	w 11911170 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
265	w 11911172 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
266	w 11911174 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
267	w 11911176 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
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269	w 11941174 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
270	w 11941176 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
271	w 11971172 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
272	w 11971174 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
273	w 11971176 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
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275	w 12001172 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
276	w 12001174 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
277	w 12001176 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
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279	w 12031172 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
280	w 12031174 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
281	w 12031176 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
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288	w 12451182 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
289	w 12451184 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
290	w 12451186 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
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292	w 12481182 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
293	w 12481184 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
294	w 12511180 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
295	w 12511182 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
296	w 12511184 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
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298	w 12541182 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
299	w 12541184 12 09600 4bd 2010	0.3 m	4/1/2010	1.2 m
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308	w 13111170 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
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311	w 13141170 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
312	w 13141172 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
313	w 13171168 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
314	w 13171170 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
315	w 13171172 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
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326	w 13261170 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
327	w 13261172 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
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336	w 13351166 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
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341	w 13381168 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
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343	w 13411164 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
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380	w 13741160 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
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389	w 13831156 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
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393	w 13861152 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
394	w 13861154 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
395	w 13861156 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
396	w 13861158 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
397	w 13861160 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
398	w 13891144 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
399	w 13891146 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
400	w 13891148 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
401	w 13891150 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
402	w 13891152 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
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405	w 13891158 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
406	w 13921138 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m

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408	w	13921142	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
409	w	13921144	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
410	w	13921146	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
411	w	13921148	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
412	w	13921150	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
413	w	13921152	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
414	w	13951136	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
415	w	13951138	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
416	w	13951140	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
417	w	13951142	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
418	w	13951144	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
419	w	13981134	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
420	w	13981136	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
421	w	13981138	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
422	w	13981140	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
423	w	13981142	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
424	w	13981144	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
425	w	14011132	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
426	w	14011134	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
427	w	14011136	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
428	w	14011138	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
429	w	14011140	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
430	w	14011142	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
431	w	14011144	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
432	w	14041132	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
433	w	14041134	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
434	w	14041136	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
435	w	14041140	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
436	w	14041142	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
437	w	14041144	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
438	w	14041146	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
439	w	14041148	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
440	w	14041150	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
441	w	14071130	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
442	w	14071132	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
443	w	14071134	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
444	w	14071136	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
445	w	14071142	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
446	w	14071144	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
447	w	14071146	12	09600	4bd	2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m

448	w 14071148 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
449	w 14071150 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
450	w 14101130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
451	w 14101132 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
452	w 14101134 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
453	w 14131128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
454	w 14131130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
455	w 14131132 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
456	w 14131134 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
457	w 14161126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
458	w 14161128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
459	w 14161130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
460	w 14161132 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
461	w 14191126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
462	w 14191128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
463	w 14191130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
464	w 14221126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
465	w 14221128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
466	w 14221130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
467	w 14251124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
468	w 14251126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
469	w 14251128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
470	w 14251130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
471	w 14281124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
472	w 14281126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
473	w 14281128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
474	w 14281130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
475	w 14311124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
476	w 14311126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
477	w 14311128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
478	w 14311130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
479	w 14341120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
480	w 14341122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
481	w 14341124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
482	w 14341126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
483	w 14341128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
484	w 14341130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
485	w 14371116 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
486	w 14371118 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
487	w 14371120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
488	w 14371122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m

489	w 14371124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
490	w 14371126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
491	w 14401114 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
492	w 14401116 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
493	w 14401118 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
494	w 14401120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
495	w 14401122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
496	w 14431114 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
497	w 14431116 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
498	w 14431118 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
499	w 14431120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
500	w 14431122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
501	w 14461116 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
502	w 14461118 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
503	w 14461120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
504	w 14461122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
505	w 14461124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
506	w 14461126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
507	w 14461128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
508	w 14461130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
509	w 14461132 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
510	w 14461134 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
511	w 14491122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
512	w 14491124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
513	w 14491126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
514	w 14491128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
515	w 14491130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
516	w 14491132 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
517	w 14491134 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
518	w 14521128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
519	w 14521130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
520	w 14521132 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
521	w 14521134 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
522	w 14551126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
523	w 14551128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
524	w 14551130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
525	w 14551132 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
526	w 14581126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
527	w 14581128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
528	w 14581130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
529	w 14611124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m

530	w 14611126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
531	w 14611128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
532	w 14611130 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
533	w 14641122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
534	w 14641124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
535	w 14641126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
536	w 14641128 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
537	w 14671120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
538	w 14671122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
539	w 14671124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
540	w 14671126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
541	w 14701120 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
542	w 14701122 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
543	w 14701124 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
544	w 14701126 12 09600 4bd 2012	0.3 m	4/3/2012 - 4/13/2012	1.2 m
545	w 11281164 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
546	w 11341160 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
547	w 11341164 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
548	w 11401160 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
549	w 11401164 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
550	w 11461160 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
551	w 11461164 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
552	w 11461168 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
553	w 11521164 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
554	w 11521168 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
555	w 11581164 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
556	w 11581168 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
557	w 11641168 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
558	w 11641172 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
559	w 11701168 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
560	w 11701172 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
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562	w 11761168 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
563	w 11761172 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
564	w 11761172 24 19200 4bd 2011	0.6 m	4/30/2011 - 5/8/2011	2.4 m
565	w 11821168 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
566	w 11821172 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
567	w 11881168 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
568	w 11881172 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
569	w 11881176 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
570	w 11941172 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m

571	w 11941176 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
572	w 12001168 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
573	w 12001172 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
574	w 12001176 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
575	w 12061172 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
576	w 12061176 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
577	w 12061180 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
578	w 12121176 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
579	w 12121180 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
580	w 12181176 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
581	w 12181180 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
582	w 12181184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
583	w 12241180 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
584	w 12241184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
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586	w 12301184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
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588	w 12361184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
589	w 12361188 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
590	w 12421180 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
591	w 12421184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
592	w 12421188 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
593	w 12481180 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
594	w 12481184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
595	w 12541180 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
596	w 12541184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
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598	w 12601184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
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600	w 12661184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
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602	w 12721184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
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604	w 12781184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
605	w 12781188 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
606	w 12841180 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
607	w 12841184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
608	w 12841188 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
609	w 12901176 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
610	w 12901180 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
611	w 12901184 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m

612	w 12961172 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
613	w 12961176 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
614	w 12961180 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
615	w 13021168 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
616	w 13021168 24 19200 4bd 2012	0.6 m	4/7/2012	2.4 m
617	w 13021172 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
618	w 13021172 24 19200 4bd 2012	0.6 m	4/7/2012	2.4 m
619	w 13021176 24 19200 4bd 2010	0.6 m	4/1/2010	2.4 m
620	w 13021176 24 19200 4bd 2012	0.6 m	4/7/2012	2.4 m
621	w 13081168 24 19200 4bd 2012	0.6 m	4/7/2012	2.4 m
622	w 13081172 24 19200 4bd 2012	0.6 m	4/7/2012	2.4 m
623	w 13381160 24 19200 4bd 2012	0.6 m	4/7/2012	2.4 m