

Philippines – Australia Land Administration and Management Project

**Prototype Implementation Office 2
Quezon City**

PIO2 Validation of Records

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Report D41



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Final Capture Details

PIO2 are in the final stages of completing the work in the 5 Barangays. All CIMs have been drawn, although some are still awaiting lost or misplaced survey plans to complete them. The prototype is in the process of cleaning up the database records and reconciling the CIM and the Cross Index. The table below summarises the results so far for each Barangay.

Table 1: Break up of TCTs and Parcels captured in the Cross Index

Barangay	No of TCTs (live)	TCTs not attached to CIM	No of Parcels (GIS)	No of Parcels (Xindex)	Parcels attached to CIM	Parcels not Attached to CIM
Holy Spirit	5,784	478	7,241	8,046	7,346	695
Bagong Silangan	5,706	706	4,450	8,180	4,171	719
Batasan Hills	7,985	1,192	9,874	10,630	9,321	1,312
Commonwealth	8,580	2,178	7,145	10,822	6,165	2,402
Payatas	776	8	6,726	1,272	6,124	9
Totals	28,831	4,535	35,436	38,950	33,127	4,931

From this table we can see that there is still a fair amount of work left to clean up the cross index. With 4,535 TCTs to be investigated and attached to the CIM, 3,514 extra parcels in the Cross Index than are held on the CIM/GIS and a further 4,931 parcels yet to be attached to the CIM. PIO2 have committed resources to complete the clean up by the end of November 2004.

Capture details by CIM

Holy Spirit

Table 2: Holy Spirit records in the Cross Index

CIM No	Parcels from the CIM	Parcels in cross index	TCT in cross Index	% of TCTs captured	Assessor's records linked in cross Index	% of Assessor's linked
14402104110	67	68	34	51%	32	48%
14402104112	3	3	3	100%	3	100%
14402104113	74	74	66	89%	66	89%
14402104114	45	44	41	91%	42	93%
14402104120	378	341	170	45%	151	40%
14402104121	8	7	7	88%	8	100%
14402104122	41	41	31	76%	39	95%
14402104124	1	1	0	0%	0	0%
14402104130	30	33	0	0%	0	0%
14402104131	61	61	51	84%	46	75%
14402104132	3	3	3	100%	3	100%
14402104140	87	83	21	24%	21	24%
14402104141	6	6	0	0%	0	0%
14402104142	25	25	0	0%	0	0%
14402104210	322	325	201	62%	186	58%
14402104211	53	53	31	58%	29	55%
14402104213	6	7	7	100%	2	33%
14402104220	222	261	163	73%	128	58%
14402104223	5	5	5	100%	5	100%
14402104230	177	187	109	62%	83	47%
14402104231	13	12	10	77%	2	15%
14402104232	9	9	6	67%	9	100%

CIM No	Parcels from the CIM	Parcels in cross index	TCT in cross Index	% of TCTs captured	Assessor's records linked in cross Index	% of Assessor's linked
14402104234	49	47	34	69%	34	69%
14402104240	46	45	30	65%	33	72%
14402104241	8	8	5	63%	7	88%
14402104410	9	7	6	67%	7	78%
14412104130	13	14	11	85%	6	46%
14412104134	169	171	165	98%	171	100%
14412104140	228	224	147	64%	122	54%
14412104143	11	11	11	100%	11	100%
14412104230	177	190	131	74%	110	62%
14412104240	95	106	61	64%	40	42%
14412104241	45	47	47	100%	0	0%
14412104242	9	9	9	100%	0	0%
14412104243	250	254	247	99%	0	0%
14412104244	181	180	178	98%	3	2%
14412104310	179	178	112	63%	110	61%
14412104314	15	15	9	60%	4	27%
14412104320	334	342	242	72%	232	69%
14412104324	4	7	6	100%	4	100%
14412104330	239	239	132	55%	105	44%
14412104340	415	413	248	60%	228	55%
14412104341	5	5	5	100%	0	0%
14412104342	62	74	78	100%	59	95%
14412104344	50	52	48	96%	24	48%
14412104410	360	353	250	69%	240	67%
14412104413	10	9	7	70%	7	70%
14412104420	209	228	136	65%	112	54%
14412104422	250	252	201	80%	37	15%
14412104424	379	373	350	92%	102	27%
14412104430	329	337	238	72%	184	56%
14412104431	62	70	60	97%	36	58%
14412104432	2	0	0	0%		
14412104433	72	83	67	93%	34	47%
14412104434	23	23	22	96%	3	13%
14412104440	300	306	242	81%	219	73%
14412104442	226	227	222	98%	218	96%
14412105130	28	33	24	865%	25	89%
14412105131	13	10	4	31%	0	0%
14412105133	289	286	84	29%	88	30%
14412105310	41	46	24	59%	23	56%
14412105311	139	140	137	99%	138	99%
14412105313	280	283	279	99%	279	99%
Totals	7,241	7,346	5,268	73%	4,038	54%
On db attached to the CIM but not drawn on it		181	19			
Not on a CIM		514	459		1,661	
Parcels drawn on CIM but not in the db	76		N/A			
Parcels on Boundary CIMs that belong in HS*		12*				
Parcels on boundary plans that don't belong in HS*		-7				

CIM No	Parcels from the CIM	Parcels in cross index	TCT in cross Index	% of TCTs captured	Assessor's records linked in cross Index	% of Assessor's linked
Duplicate records			18		578	
Total in Database	7,241	8,046	5,784		6344	

* These are not errors the boundary plans cross two or more Barangays, in the CIMs have been noted as being in the Barangay with the most number of Parcels. This is an anomaly of the system, especially when dealing with the GIS.

Notes:

- 514 Parcels and 459 TCTs in HS are not attached to CIMs, this compares to 1150 Parcels and 989 TCTs which were not attached in June this year. Some progress has been made and this process has now been accelerated.
- There are an additional 181 Parcels, with 19 TCTs on the database attached to the CIM, but not drawn on the CIM, this would represent updated plans which the CIM group have been unable to locate and these parcels will be added by plotting from the TCT.
- The duplicate records have been reduced from 279 to 18, this is a significant improvement.
- While there are a large number of Assessor's records not recorded against the CIM, these are either the result of multiple entries in the remaining records or the fact that many Barangay boundaries have been reshuffled over the years and the Assessor's records do not reflect the current situation.

Batasan Hills

Table 3: Batasan Hills records in the Cross Index

CIM No	Parcels on the CIM	Parcels in cross index	TCT in cross Index	% of TCTs captured	Assessor's records linked in cross Index	% of Assessor's linked
14402105110	340	327	239	70%	245	72%
14402105112	98	98	76	78%	75	77%
14402105113	98	98	83	85%	74	76%
14402105114	146	145	116	79%	112	77%
14402105120	474	471	302	64%	329	69%
14402105130	1	0	0	0%	0	0%
14402105140	1	1	0	0%	0	0%
14402105210	271	270	181	67%	198	73%
14402105220	244	224	156	64%	164	67%
14402105222	5	0	0	0%	0	0%
14402105230	121	120	63	52%	59	49%
14402105240	365	297	209	57%	227	62%
14402105420	235	233	107	46%	122	52%
14402105440	1	1	1	100%	0	0%
14402106110	511	366	223	44%	375	73%
14402106120	351	278	154	44%	217	62%
14402106130	450	437	330	73%	344	76%
14402106140	48	47	47	98%	44	92%
14402106210	1	2	0	0%	0	0%
14402106310	51	49	13	25%	15	29%
14402106440	1	0	0	0%	0	0%
14412105140	0	1	0	0%	0	0%
14412105230	10	10	7	70%	8	80%
14412105240	51	51	36	71%	45	88%
14412105241	235	235	233	99%	235	100%
14412105242	248	244	245	99%	245	99%
14412105243	57	57	56	98%	57	100%
14412105244	197	196	196	99%	196	99%
14412105320	4	4	4	100%	5	100%
14412105330	226	238	211	93%	190	84%
14412105331	24	22	21	88%	0	0%
14412105340	122	120	76	62%	75	61%
14412105410	89	83	56	63%	60	67%
14412105420	253	260	146	58%	105	42%
14412105422	11	11	0	0%	0	0%
14412105430	453	439	305	67%	314	69%
14412105440	169	159	68	40%	83	49%
14412105444	4	0	0	0%	0	0%
14412106130	337	328	216	64%	124	37%
14412106131	101	101	101	100%	80	79%
14412106133	85	84	85	100%	79	93%
14412106140	352	339	239	68%	154	44%
14412106142	105	70	68	29%	6	6%
14412106230	152	153	132	65%	146	96%
14412106231	280	225	222	79%	223	80%
14412106310	503	489	337	67%	323	64%
14412106311	6	0	0	0%	0	0%
14412106320	467	461	273	58%	278	60%
14412106330	254	252	140	55%	150	59%
14412106340	651	636	495	76%	545	84%
14412106410	339	324	304	90%	293	86%
14412106430	276	273	218	79%	241	87%
Totals	9,874	9,321	6,793	69%	6,859	69%

CIM No	Parcels on the CIM	Parcels in cross index	TCT in cross Index	% of TCTs captured	Assessor's records linked in cross Index	% of Assessor's linked
On db attached to the CIM but not drawn on it		25	1			
Not on a CIM		1,287	1,192		720	
Parcels drawn on CIM but not in the db	575					
Parcels on Boundary CIMs that belong in BH*		4*				
Parcels on boundary plans that don't belong in BH*		7				
Duplicate Records			38		1,250	
Total in Database	9,874	10,630	7,985		8,479	

* These are not errors the boundary plans cross two or more Barangays, in the CIMs have been noted as being in the Barangay with the most number of Parcels. This is an anomaly of the system, especially when dealing with the GIS.

Notes:

- 1287 Parcels and 1192 TCTs in BH are not attached to CIMs, this compares to 1193 Parcels and 1108 TCTs which were not attached in June this year. No progress has been made and this process needs to be started.
- There are an additional 25 Parcels, with 1 TCT on the database attached to the CIM, but not drawn on the CIM, this would represent updated plans which the CIM group have been unable to locate and these parcels will be added by plotting from the TCT.
- The duplicate records have been reduced from 287 to 38, this is a significant improvement.
- While there are a large number of Assessor's records not recorded against the CIM, these are either the result of multiple entries in the remaining records or the fact that many Barangay boundaries have been reshuffled over the years and the Assessor's records do not reflect the current situation.

Commonwealth

Table 4: Commonwealth records in the Cross Index

CIM No	Parcels from the CIM	Parcels in cross index	TCT in cross Index	% of TCTs captured	Assessor's records linked in cross Index	% of Assessor's linked
14412104110	1	1	0	0%	2	100%
14412104112	3	0	0	0%	0	0%
14412104120	217	214	114	53%	98	45%
14412104121	155	154	152	98%	15	10%
14412104123	133	133	132	99%	0	0%
14412104124	3	3	3	100%	0	0%
14412104210	83	84	62	75%	60	72%
14412104211	255	253	239	94%	215	84%
14412104212	395	372	370	94%	104	26%
14412104214	158	158	57	36%	0	0%
14412104220	73	70	38	52%	15	21%
14412104221	283	105	98	35%	25	9%
14412104222	242	128	126	52%	94	39%
14412104223	503	498	446	89%	280	56%
14412104224	236	235	235	99%	7	3%
14412105110	35	38	27	77%	34	97%
14412105111	402	242	93	23%	41	10%
14412105113	232	0	0	0%	0	0%
14412105210	0	29	21	79%	0	0%
14422104240	131	127	57	44%	59	45%
14422104320	5	5	0	0%	0	0%
14422104340	327	316	145	44%	139	43%
14422104341	9	0	0	0%	0	0%
14422104410	105	104	40	38%	40	38%
14422104420	139	138	77	55%	63	45%
14422104421	2	2	2	100%	2	100%
14422104422	6	6	6	100%	6	100%
14422104423	23	0	0	0%	0	0%
14422104423	45	0	0	0%	0	0%
14422104430	362	361	199	55%	191	53%
14422104431	0	1	1	100%	1	100%
14422104432	0	1	0	0%	0	0%
14422104433	141	139	137	97%	139	99%
14422104434	14	14	13	93%	4	29%
14422104440	153	147	86	56%	75	49%
14422104441	116	116	37	32%	0	0%
14422104442	241	230	216	90%	0	0%
14422104443	29	29	26	90%	0	0%
14422104444	576	481	426	74%	1	1%
14422105110	12	12	8	67%	9	75%
14422105113	2	2	1	50%	1	50%
14422105114	28	25	20	71%	22	79%
14422105130	265	253	167	63%	192	72%
14422105131	263	252	147	56%	143	54%
14422105132	71	71	63	89%	67	94%
14422105133	31	31	28	90%	31	100%
14422105134	55	55	53	96%	55	100%
14422105310	160	154	60	38%	52	33%
14422105330	95	90	56	59%	43	45%
14422105331	322	0	0	0%	0	0%
14422105333	8	287	279	N/A	52	N/A
Totals	7,145	6,165	4,643	65%	2,377	33%

CIM No	Parcels from the CIM	Parcels in cross index	TCT in cross Index	% of TCTs captured	Assessor's records linked in cross Index	% of Assessor's linked
On db attached to the CIM but not drawn on it		314	279			
Not on a CIM		2,402	2,178		862	
Parcels drawn on CIM but not in the db	1,294					
Parcels on Boundary CIMs that are still recorded in Commonwealth*		2,258	1,480			
Parcels on boundary plans that don't belong in Comm.*		6				
Duplicate Records			36		2,597	
Total in Database	7,145	10,822	8,580		5,836	

* These are not errors the boundary plans cross two or more Barangays, in the CIMs have been noted as being in the Barangay with the most number of Parcels. This is an anomaly of the system, especially when dealing with the GIS.

Notes:

- Most of the 2,258 parcels and 1,480 on Boundary CIMs that are still recorded in Commonwealth belong in Payatas. Because the original Assessor's data did not recognise Payatas it was not captured in that Barangay and has only started to be updated after the boundary was defined on the CIMs.
- 2,402 Parcels and 2,178 TCTs in Commonwealth are not attached to CIMs, this compares to 2,086 Parcels and 1,917 TCTs which were not attached in June this year. No progress has been made and this process needs to be started.
- The 1294 parcels on the CIM but not in the database show that the OV team is falling behind in updating Commonwealth CIM data in the cross index.
- There are an additional 314 Parcels, with 279 TCTs on the database attached to the CIM, but not drawn on the CIM, this would represent updated plans which the CIM group have been unable to locate and these parcels will be added by plotting from the TCTs.
- The duplicate records have been reduced from 249 to 36, this is a significant improvement.
- While there are a large number of Assessor's records not recorded against the CIM, these are either the result of multiple entries in the remaining records or the fact that many Barangay boundaries have been reshuffled over the years and the Assessor's records do not reflect the current situation.

Bagong Silangan

Table 5: Bagong Silangan records in the Cross Index

CIM No	Parcels on the CIM	Parcels in cross index	TCT in cross Index	% of TCTs captured	Assessor's records linked in cross Index	% of Assessor's linked
14412105220	150	143	68	45%	71	47%
14412105223	22	23	22	100%	22	100%
14412106110	375	496	369	96%	224	60%
14412106120	168	237	98	58%	33	20%
14412106122	229	0	0	0%	0	0%
14412106124	208	180	0	0%	0	0%
14412106210	122	1	1	1%	0	0%
14412106211	7	209	140	N/A	140	N/A
14412106212	143	6	0	0%	0	0%
14412106213	171	157	0	0%	0	0%
14422106220	75	74	26	35%	26	35%
14422106230	625	614	609	97%	617	99%
14422106240	152	150	60	39%	73	48%
14422106320	298	298	215	72%	226	76%
14422106340	314	307	207	66%	219	70%
14422106410	400	382	229	57%	238	60%
14422106420	155	152	65	42%	74	48%
14422106430	288	277	138	48%	118	41%
14422106433	64	64	3	5%	3	5%
14422106440	32	34	8	25%	12	38%
14422107110	97	90	20	21%	26	27%
14422107130	198	162	46	23%	56	28%
14422107310	8	6	0	0%	0	0%
14422107330	1	0	0	0%	0	0%
14432106440	5	5	1	20%	0	0%
14432107310	96	71	14	15%	18	19%
14432107311	40	27	26	65%	27	68%
14432107330	7	6	3	43%	3	43%
Totals	4,450	4,171	2,359	53%	2,271	51%
On db attached to the CIM but not drawn on it		395	137			
Not on a CIM		1,515	1,483		1,423	
Parcels drawn on CIM but not in the db	674					
Parcels on Boundary CIMs that are still recorded in BS*		2,877	1,727			
Parcels on boundary plans that don't belong in BS.*		1				
Duplicate entires			13		596	
Total in Database	4,450	8,180	5,706		7,150	

* These are not errors the boundary plans cross two or more Barangays, in the CIMs have been noted as being in the Barangay with the most number of Parcels. This is an anomaly of the system, especially when dealing with the GIS.

Notes:

- Most of the 2,877 parcels and 1,727 TCTs on Boundary CIMs that are still recorded in Bagong Silangan belong in Payatas. Because the original Assessor's data did not recognise

Payatas it was not captured in that Barangay and has only started to be updated after the boundary was defined on the CIMs.

- 1,515 Parcels and 1,483 TCTs in Bagong Silangan are not attached to CIMs, this compares to 719 Parcels and 706 TCTs which were not attached in June this year. No progress has been made, in fact the figures are getting worse and this process needs to be started.
- There are an additional 395 Parcels, with 137 TCTs on the database attached to the CIM, but not drawn on the CIM, this would represent updated plans which the CIM group have been unable to locate and these parcels will be added by plotting from the TCTs.
- The duplicate records have been reduced from 206 to 13, this is a significant improvement.
- While there are a large number of Assessor's records not recorded against the CIM, these are either the result of multiple entries in the remaining records or the fact that many Barangay boundaries have been reshuffled over the years and the Assessor's records do not reflect the current situation.

Payatas

Table 6: Payatas records in the Cross Index

CIM No	Parcels from the CIM	Parcels in cross index	TCT in cross Index	% of TCTs captured	Assessor's records linked in cross Index	% of Assessor's linked
14412105210	12	29	21	175%	7	58%
14422105120	26	24	19	73%	24	92%
14422105140	249	240	119	48%	122	49%
14422105210	275	279	98	36%	111	40%
14422105211	9	9	0	0%	0	0%
14422105212	93	84	73	78%	82	88%
14422105213	2	2	0	0%	0	0%
14422105220	31	30	19	61%	18	58%
14422105221	8	8	6	75%	7	88%
14422105230	286	280	113	40%	118	41%
14422105240	456	447	387	85%	416	91%
14422105320	47	38	14	30%	3	6%
14422105321	108	44	38	35%	34	31%
14422105340	40	32	28	70%	11	28%
14422105410	142	140	61	43%	65	46%
14422105420	199	187	135	68%	149	75%
14422105430	48	51	31	65%	20	42%
14422105440	299	281	229	77%	217	73%
14422106110	41	40	29	71%	23	56%
14422106120	308	302	232	75%	240	78%
14422106130	83	60	49	59%	50	60%
14422106140	308	311	283	92%	308	100%
14422106210	228	226	131	57%	144	63%
14422106310	310	298	187	60%	197	64%
14422106330	416	405	259	62%	271	65%
14432105420	58	58	40	69%	31	53%
14432105440	49	46	40	82%	39	80%
14432106220	1	1	0	0%	0	0%
14432106230	12	13	9	75%	13	100%
14432106232	6	6	6	100%	6	100%
14432106234	10	7	6	60%	7	70%
14432106240	417	530	274	66%	276	66%
14432106241	58	17	16	28%	17	29%
14432106242	40	17	17	43%	16	40%
14432106243	120	48	31	26%	40	33%
14432106244	164	46	44	27%	46	28%
14432106310	369	202	110	30%	69	19%
14432106320	153	151	72	47%	25	16%
14432106330	276	284	193	70%	168	61%
14432106340	158	155	57	36%	43	27%
14432106342	7	7	0	0%	0	0%
14432106410	62	60	23	37%	21	34%
14432106420	166	181	74	45%	76	46%
14432106422	93	23	22	24%	23	25%
14432106424	22	22	18	82%	14	64%
14432106430	178	176	50	28%	41	23%
14432106440	5	5	1	20%	0	0%
14432107110	20	17	5	25%	7	35%
14432107130	110	138	84	76%	88	80%
14432107131	126	52	51	40%	48	38%
14432107133	22	15	16	73%	15	68%
Totals	6,726	6,124	3,820	57%	3,766	56%

CIM No	Parcels from the CIM	Parcels in cross index	TCT in cross Index	% of TCTs captured	Assessor's records linked in cross Index	% of Assessor's linked
On db attached to the CIM but not drawn on it		189	4			
Not on a CIM		9	8			
Parcels drawn on CIM but not in the db	791					
Parcels on Boundary CIMs that are still recorded in Payatas*		3				
Parcels on boundary plans that don't belong in Payatas.*		5,050	3,056			
Duplicate entires			2			
Total in Database	6,726	1,272	776		3,766	

Notes:

- Most of the 5,050 parcels and 3,056 TCTs on Boundary CIMs that are still recorded in Bagong Silangan and Commonwealth. As these CIMs are updated the parcels will be re-located into the correct area of Payatas.
- 9 Parcels and 9 TCTs in Payatas are not attached to CIMs, this is a very small number compared to the other Barangays..
- There are an additional 189 Parcels, with 137 TCTs on the database attached to the CIM, but not drawn on the CIM, this would represent updated plans which the CIM group have been unable to locate and these parcels will be added by plotting from the TCTs.
- The Assessor's records have been attached by their Standard Parcel Identifier (SPI) as the Assessor's do not recognise Payatas in their database..