

# High Frequency Checks template

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04 October, 2020

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## High Frequency Check - Examples

### 1. Overall checks

#### GIS Checks

check that the recorded site is the actual one

```
## Warning in showSRID(uprojargs, format = "PROJ", multiline = "NO"): Discarded datum WGS_1984 in CRS definition
## but +towgs84= values preserved
```

```
## Warning in showSRID(uprojargs, format = "PROJ", multiline = "NO"): Discarded datum WGS_1984 in CRS definition
## but +towgs84= values preserved
```

```
## Warning in showSRID(uprojargs, format = "PROJ", multiline = "NO"): Discarded datum WGS_1984 in CRS definition
## but +towgs84= values preserved
```

	enumerator_id	X_uuid	SiteRec	SiteReal
60	31	fb644f8a-1097-4db4-9b01-97107a53af00	jalia palong	teknaf paurashava
80	10028	2481c622-bf5b-42e2-ab25-d9a46742afef	nhilla	haldia palong
86	10052	4626ddd5-90c5-4c7e-abdc-2e2179b33fa2	nhilla	palong khali
89	78	d3cae2dc-bbc4-4026-b83a-5531fda52d11	nhilla	whykong
94	30003	ea2e587b-dd65-4d9c-9f0d-ca8cc3f877fd	nhilla	teknaf
96	57	f7aa8119-528f-44f7-99e5-268550ea7fa8	nhilla	haldia palong
118	43	6b9e8f88-7eb4-4303-b665-79a675b9e30b	nhilla	palong khali
129	10043	07d54a07-5df6-4e23-af2c-7946efafc2f2	palong khali	nhilla
164	10040	537049bf-064c-4543-af20-9dbd5d2e190a	palong khali	sabrang
165	18	5ff9bf97-77c3-4b89-a8b4-fe0dca902d4b	palong khali	nhilla
166	44	2b1ccb45-05b9-4794-81a3-b2e4827e5e5c	palong khali	nhilla
215	28	c5082fd0-aaa6-49b5-b296-372f4dc3dbbc	palong khali	whykong
250	10021	075f5546-88ae-4926-88e1-495d8dad1d45	raja palong	baharchhara
256	67	95073df3-96ba-41d0-87bf-f90c49b2dc96	raja palong	nhilla
278	50	ff125468-af39-424b-8f62-c2564b21424b	ratna palong	nhilla
290	18	269eeba8-426b-4231-a237-c5d4147b660c	ratna palong	jalia palong
301	83	4b8542b2-c4a0-4ba8-8bd4-a8ea6c04403a	ratna palong	palong khali
307	30022	9722c249-41ec-4eb7-b287-2c2541e0874f	sabrang	jalia palong
373	41	ee5ec631-ce1e-487b-8f3a-0ff1373b43c1	teknaf	palong khali
375	10037	f597f78d-967b-4f95-8bd2-356e1f07e1b0	teknaf	nhilla
382	30022	1fa6bff4-34fd-4b61-ba09-9846cad83a73	teknaf	whykong
385	18	daddf5de-0f08-4522-b097-ec1cf0a55cc6	teknaf	palong khali
397	42	5f4f21ed-dc08-4f24-8865-06e3f7f5fd74	teknaf paurashava	palong khali
402	78	2583053b-64e7-4b5e-8887-540f0c89fee1	whykong	sabrang
437	10038	8336f079-a73d-4988-b7ca-934611086cb9	whykong	teknaf
442	78	7d5d7f59-7a2d-4413-ba87-4b3789e5e149	whykong	teknaf
446	71	e6f76162-ccb0-47f6-8b2a-80c2a762f4d8	whykong	nhilla

	enumerator_id	X_uid	SiteRec	SiteReal
453	102	a8c524d3-6ae7-4018-9972-ed66fe04f397	whykong	palong khali
467	18	40423a67-5efd-48d2-a6d7-6fd55ba0026c	whykong	haldia palong
472	93	68b4edc3-eaf4-4a9f-9fb9-59fc6c0703a8	whykong	palong khali
497	10031	0323b880-dd4f-4545-b4b7-12a5bd07ec64	whykong	palong khali

check that the survey is done within a **10** meter buffer from a sample point

**##** Warning in proj4string(buffer): CRS object has comment, which is lost in output

	enumerator_id	X_uid	Outside
44	14	0636c440-1b81-4cf2-9f56-9e3b6d378047	Nok
45	3	2ab24867-db88-40f2-ba97-b5c7b6da8f1d	Nok
46	76	0a3bcffb-0cba-4661-ac98-3c28b12b4ec8	Nok
65	102	8fd35129-6566-4200-a9b7-7e1a16825bc2	Nok
112	16	f19a65d7-d78e-4887-8d87-6ac8d0b35ee5	Nok
113	42		Nok
114	80	ca219404-8ebe-4855-b391-4e6e3dd71eec	Nok
115	83	13ece80f-f607-46a6-874d-99bf44c7a477	Nok
116	80	7d9162ca-72bb-4c40-b908-5de3b0e768a5	Nok
117	102	baceb291-a351-40a8-9587-150eb4312fe2	Nok
118	43	6b9e8f88-7eb4-4303-b665-79a675b9e30b	Nok
119	12	81859fbc-07a4-48f2-9de4-ff4f85486eee	Nok
224	43	fad8e1b2-5703-427d-b65b-69cb6d597aed	Nok
225	10018	3d274bd4-3b0f-471c-ab75-84f02b91d624	Nok
226	10013	55bf2084-535b-4ee2-9180-b9cbb860e398	Nok
227	91	f828add1-6c80-427a-9f42-6ed76c06aee0	Nok
228	93	d08f2f1d-69ad-4d56-ac39-160b151820c6	Nok
229	93	c24f6fb5-c3ef-4d73-a78b-cf8607ea7c8f	Nok
230	10052	d098efaf-dc8a-44b9-82f4-4bd9c8b592b1	Nok
231	76	9a4f6414-73dc-4430-80d2-7c4d842862e5	Nok
232	14	3f77e218-761e-4564-b607-ff925e1a95ac	Nok
233	43	6940a5ce-cd53-48c9-8c52-06fe1e83883c	Nok
234	12	fc61ce68-6dda-4a2f-92e5-acdf68880294	Nok
267	46	c5592a4d-f1f1-4a53-a686-37496a75fe87	Nok
268	10018	6712b8cf-eb5f-4428-8659-1b07eca86efa	Nok
269	30022	c3abfa6f-54f1-4dce-93ee-4558c997721e	Nok
270	52	f636fab6-29e3-4829-b759-176848373977	Nok
271	71	cba3325e-d926-4d83-8fb2-ef8562c898d2	Nok
301	83	4b8542b2-c4a0-4ba8-8bd4-a8ea6c04403a	Nok
302	87	1abb0cd9-edfc-43ad-9f90-cafea803e3b4	Nok
322	78	ba258464-31b7-407e-809e-5fb5abfad0df	Nok
390	10018	6e109f00-2038-4e08-8617-3d5f206786ac	Nok
391	73	23b68890-5b4c-4f16-b379-9029306cdc22	Nok
392	10013	62dc4a8c-df9c-4ea1-9f6f-651dd1feb072	Nok
393	10041	30c3e8d3-c5d2-4279-a31a-ee4c9b1bc4b3	Nok
394	13	6a90a063-78b4-4819-870f-6197f5f617e1	Nok
395	10031	007c2ac6-cb26-45fb-ac80-d74adc47f347	Nok
396	45	7291bdc3-652c-414a-9f85-a77c998d0fbc	Nok
400	108	9c24ab8f-732b-4041-8f96-af3fbd2b6c79	Nok
489	10038	dc053ee9-e11e-4de1-9006-671a57a95f7b	Nok
490	67	a39ea3ac-2c9d-4207-9ca5-cd9e96325dfd	Nok
491	14	07564281-e026-4c08-bdcb-ef1704655c9f	Nok
492	47	a7dcb97c-ecff-485f-b4fb-6901a74a2523	Nok
493	54	708bc656-1ad8-44e9-99c3-60a9d7b6a1bd	Nok
494	93	e0889434-984d-4a4b-be29-7b5201fb652b	Nok
495	10038	6b5d4b42-0c76-4917-a932-040f10fd7b44	Nok
496	43	c4ba08a3-eb46-4823-a445-1573749813af	Nok
497	10031	0323b880-dd4f-4545-b4b7-12a5bd07ec64	Nok

	enumerator_id	X_uuid	Outside
498	10021	fa2e6393-b637-4f4f-af22-7e498b7f445b	NOk

### Duplicates in unique ID

	enumerator_id	X_uuid	survey_consent
194	46		deleted

### Dates mistakes in the survey

Surveys that do not end on the same day as they started

no errors

Surveys which end before they start

no errors

Surveys made before the first day of data collection (**11/11/2018**)

no errors

Surveys made in the future

no errors

### Durations of surveys

	enumerator_id	X_uuid	SurveyLength
4	10046	b1634db9-9108-486d-a8f1-5706290b5f7d	1
7	54	06b1df42-600d-4b51-90c0-1ec06b9c2d13	1
8	30022	89af7eaf-efa4-4f05-89eb-cae03133258a	1
10	10046	5222a1b0-75a8-4b99-9ce2-138128f88b73	0
15	45	92375644-2a47-4e00-963b-5b33cdf12a6b	1
17	96	28b89222-1869-433d-95c5-47ab81c4c28c	1
19	73	46fc2ca2-995a-4e8f-a15f-d34e4f674446	0
21	47	288afd76-f646-4696-b40c-f1d6a6e79c5f	1
28	30024	30eccbea-4e29-4d32-84a1-1925c4cb3d9a	2
33	10011	05ac6aaa-675c-4cef-b051-df370c876287	0
40	10031	743e4491-d79e-4b96-b846-4c1bfbe81831	1
42	52	f8050bfc-1777-413c-adf7-55a94db6e531	2
52	50	b0a17823-c67f-4b61-a1d2-dbf5ccc827bb	0
53	10040	536c21b7-96cc-449b-95df-1fd9c5151140	1
59	57	a2dc8b8e-43ac-476e-ae3b-35c2a961f294	0
62	78	43641e15-996a-4051-9d62-9fb4ca5c7195	0
63	10011	d558e978-f1cc-458c-9fa5-c49d381f681e	1
64	47	48cec11c-c95d-4b0e-905c-e941d130e59a	1
68	10040	3fd55fe7-5472-4d5c-94ca-76b5a105a7ed	1
82	49	33158e81-cf8c-4dbe-8c5a-5807975414a1	0
84	28	b223d0ec-5264-4f9d-a78e-c41b08e47e49	1
98	10028	af33f41f-8695-475b-96ef-4e8d0916af75	0
99	10043	6d51e7ca-4765-4169-89ee-992fb456665f	1
101	19	321d26d9-ef90-497f-906c-a679768d4689	1
103	73	6165c192-0b13-4c2e-a1c5-f7905c170030	0
104	10028	6ded3798-80ed-400d-8524-387629f44d24	1
114	80	ca219404-8ebe-4855-b391-4e6e3dd71eec	1
120	43	99d612a9-d4cb-4330-bdd1-bb1f8fdaab13	1
125	91	d63f8e3b-6c8a-4407-b198-a62e64f0597d	1
126	16	f56bda24-e17c-483b-a161-92cbd91586eb	1
129	10043	07d54a07-5df6-4e23-af2c-7946efafc2f2	1

	enumerator_id	X_uuid	SurveyLength
130	30019	372f4cda-71c5-4ee9-9e2f-31da9021b418	1
132	50	2cffa23c-1b2b-44f7-9eea-682cb446d10f	1
135	10040	7391680b-1972-4bed-b37f-d55271609cec	2
141	67	3c2e31bf-dc6a-420c-8f53-5c4b0b3ab254	1
151	78	09c96e82-b613-4dda-9e88-ac652aaa9f3c	1
152	96	a8e42de3-f3a3-4f8c-bb9d-9508a050b467	1
154	14	5acc2bec-4def-4a33-b0df-fe9b10f395ad	1
157	10039	c1fd7da6-ec6d-4c9c-aff3-b9055aad0b63	2
158	49	56b74e4b-9a0b-4586-880a-f2c5c1fb54fa	3
159	45	bd248411-ee65-42ab-a681-9d57fc4f8c50	1
166	44	2b1ccb45-05b9-4794-81a3-b2e4827e5e5c	1
167	71	250d805b-e05f-4b94-a8a4-7afa0c697bc6	0
168	43	2c75e7e8-d091-4e5a-a12c-9fcb32571bb2	0
172	10050	037b54e3-ee6a-4776-983c-8d4391005c1e	1
173	46	869e4dd8-ae57-4fc9-8930-6ce5a89a9c21	1
175	30019	bdf2d3c0-c8bf-4076-ab89-66646f1e61b7	0
176	78	0029fc4c-46e1-40b4-8a2f-336b2e2a6773	0
182	10041	39ac7934-66e2-4a6d-ac8a-7797ee37ac30	1
189	26	93b3cc58-c9f9-4024-8d74-3c24150e054a	4
190	31	afb324d7-b57a-4e8e-b7ef-44e58adf16e1	1
192	42	32d4af42-351e-46bd-874e-a71f3f9ddc46	4
196	10052	b6406c9c-a870-4b8f-b70b-e69b18c70e10	2
204	91	364a346a-1053-435b-95fe-71f972501662	1
205	19	58da9988-4820-4bc9-8255-395399151bb7	0
207	14	0cac359f-0781-47d9-aca4-60551f6dcd91	0
212	30022	d177fd75-fd2d-49dd-9095-8bab9eb0714a	1
217	66	7d39938a-128a-496c-9751-709a5231e64f	1
218	52	5eb61770-d885-4382-9d9a-763868b4bee3	5
219	78	3a5104ce-00f2-47e6-ba23-cbe7c14f403e	1
221	96	d4d6643a-b209-4656-b264-83e9a07d1f95	1
223	108	2cb760a2-eea5-4b07-b9c8-005ce4473d52	1
227	91	f828add1-6c80-427a-9f42-6ed76c06aee0	0
229	93	c24f6fb5-c3ef-4d73-a78b-cf8607ea7c8f	0
232	14	3f77e218-761e-4564-b607-ff925e1a95ac	1
237	43	52953a76-abb3-4029-b9c6-7171e8ef3e34	0
241	46	58906142-0a63-4442-8b7a-36a74ea01582	1
250	10021	075f5546-88ae-4926-88e1-495d8dad1d45	1
253	78	c31069a6-25e1-4ee9-8e37-35ec8905c433	0
262	10013	b1b0be8e-191d-4dd5-af46-5469ef236d01	2
267	46	c5592a4d-f1f1-4a53-a686-37496a75fe87	0
270	52	f636fab6-29e3-4829-b759-176848373977	1
272	10040	0cb302b7-44c1-4813-bee1-9ff9c32c852e	1
276	96	3e8281bd-533b-4ebf-aa69-1aacc1d59a24	1
277	16	b1ffdd08-fc72-4d19-8b72-8de1c34244f8	0
278	50	ff125468-af39-424b-8f62-c2564b21424b	0
283	47	e428af84-e2f1-48db-9395-bb183d6797e2	0
285	10040	932f333e-f830-4896-9fc5-7cab7bdbe45f	0
289	47	c0ff4bfe-d45e-49e5-959f-6c0d41581ca2	1
299	10013	78ed460b-09e1-4dee-903e-de3c6cd07beb	1
300	10040	aa231749-c670-433a-b899-b5c0475477c8	1
301	83	4b8542b2-c4a0-4ba8-8bd4-a8ea6c04403a	1
302	87	1abb0cd9-edfc-43ad-9f90-cafea803e3b4	0
307	30022	9722c249-41ec-4eb7-b287-2c2541e0874f	4
308	71	621446ad-b73f-4962-b104-ae6cc871955c	1
309	83	8c1b1ac2-5387-474a-984b-2fd395e93688	0
311	10039	9c028b46-7959-450c-a576-a1385077c947	3
312	67	575118b0-16d4-46e6-86df-92b5232fc753	0
314	54	df4a3233-c628-4027-8b4d-02527b1bcbd1	1

	enumerator_id	X_uuid	SurveyLength
315	50	5c37eafb-c112-4a5f-a03a-0c21a1a20825	7
319	93	7e79502a-401f-4579-be8e-0a32b35014ac	1
322	78	ba258464-31b7-407e-809e-5fb5abfad0df	1
333	80	c523c72c-a819-4226-a9a3-135ac9430e0f	2
335	80	2daf20d4-22e7-458e-bf7a-fb9626066db1	1
337	10047	4e608261-e3ca-4854-8afb-59e1246189fa	8
339	102	eb9f2fae-e68e-42dc-b3b9-9d578646a6d3	1
343	80	bb496f37-c695-49e3-b3ce-364bece67fbd	5
344	10040	c70ee2d9-9f1c-4153-8a7c-f1db2b55f74e	1
347	10011	8a5ead59-fc80-4b63-820f-d413a54d544a	1
348	30019	0a9d73a8-e397-42de-b5d8-425d6a3405b6	2
352	30022	21e9587c-4da5-4ee8-876d-842ea41635bb	3
353	41	5c37e791-9082-4a05-bc66-afb4628541b0	1
355	83	363d454b-4108-46e5-b4c3-7e8b22a93454	0
356	10011	c78e2496-a752-498a-b555-8fc2211aac62	1
358	10018	448d8435-9473-4e85-b863-a9318eeda672	0
360	73	7ac87453-1f65-4161-b51d-f2e90d4f6524	4
361	73	337dd440-2c99-46a5-a8a8-d5b1464d35b7	1
364	83	366133d6-4ace-4c29-b722-a45734b6a288	2
365	30022	4c800ef2-3d18-4692-8d6a-edfe269b3168	1
366	78	fa6af61c-f0fe-4e7b-bb9d-c651ac8317d7	9
368	83	9092a317-8634-43f2-b8a5-aa9b43a4a3d9	0
371	73	72057d2e-a1e7-4a55-828e-6cb4447c3767	0
374	96	b79b5bf1-c79c-4ae2-abaa-3e539707c293	1
378	87	b4dd9e57-8aa2-4944-b834-d93a7fd75e07	1
379	10031	dd03a792-2172-4d84-9848-c141207a5516	0
383	10028	083c62c4-4d89-4f28-a70b-8a680c8fbefa	0
388	71	336b0898-6aa0-47c6-b0b5-959ea3bdf85b	1
389	102	4fe0cc22-ab57-48a9-8526-0684ab7503b7	1
392	10013	62dc4a8c-df9c-4ea1-9f6f-651dd1feb072	2
393	10041	30c3e8d3-c5d2-4279-a31a-ee4c9b1bc4b3	0
394	13	6a90a063-78b4-4819-870f-6197f5f617e1	1
398	76	5e5d87ad-0448-4cb0-90df-53637b3fe204	1
403	54	aae9eb77-6a2b-431b-9471-cd59d05d8eb0	1
407	30019	fb6c0bfa-f29d-476a-8062-66b2ed310be9	2
415	12	230be7d5-2cf6-4062-b6d9-1535e26bfb26	1
416	10031	86c3448f-8746-48db-b4ab-2eed040b5652	1
417	102	c3176f44-304d-40eb-944c-36ce8620c94e	4
419	54	bcc9b68b-3f09-470c-9452-53108d1535ab	1
427	45	344cf3fe-3ff5-4be0-8e65-4454611135e9	1
434	46	939ddd3d-34bb-44f9-8a54-b44eee100565	1
440	49	02d3ef9f-8cb1-4129-b05d-35692f0ce2f6	3
441	87	408cb022-eaad-4f1c-b59e-bad97feb7f2c	9
454	24	4085a643-2439-4da7-8da8-239793048362	1
459	10050	4f66c7ba-fe9b-4d32-8dd0-f0724f39beba	7
464	73	86f8713b-465c-47e0-ae40-416303ef1356	1
465	24	7f277912-35b2-4dc1-9328-df28aea4f6d6	0
469	10031	6f8f2c8e-7305-48fb-aa0e-5a4ed3a59603	5
470	78	b4aefbac-0f93-482e-9f0b-faba3aac1974	1
471	10047	1de63c69-179b-4996-9e36-d9dbe5e19203	0
477	10047	021f3ba4-3825-40ee-9e5a-7d40bda4b459	3
485	65	e61988cf-8274-4fe8-b060-5b1afe0c83dc	0
491	14	07564281-e026-4c08-bdcb-ef1704655c9f	0
494	93	e0889434-984d-4a4b-be29-7b5201fb652b	1
498	10021	fa2e6393-b637-4f4f-af22-7e498b7f445b	0