BEE Task Thread (task A)	BEE Task Thread (task B)	BEE Task Thread (Task C)	BEE Task Thread (Task D)	BEE Task Thread (Task E)
1. Launching Task	1. Launching Task	1. Launching Task	1. Launching Task	1. Launching Task
2. Wait for: None	2. Wait for: None	2. Wait for: None	2. Wait for: E1 E2	2. Wait for: E3 E4
3. Signal: S1	3. Signal: S2	3. Signal: S3	3. Signal: S4	3. Signal: S5
4. Executing Task	4. Executing Task	4. Executing Task	4. Executing Task	4. Executing Task
5. Signal: E1	5. Signal: E2	5. Signal: E3	5. Signal: E4	5. Signal: E5

BEE Task Thread (in-situ analysis A)	BEE Task Thread (in-situ analysis B)	BEE Task Thread (in-situ analysis C)	BEE Task Thread (in-situ analysis D)	BEE Task Thread (Convert and save)
1. Launching Task	1. Launching Task	1. Launching Task	1. Launching Task	1. Launching Task
2. Wait for: S2	2. Wait for: S4	2. Wait for: S4	2. Wait for: S5	2. Wait for: E9
3. Signal: S6	3. Signal: S7	3. Signal: S8	3. Signal: S9	3. Signal: S10
4. Executing Task	4. Executing Task	4. Executing Task	4. Executing Task	4. Executing Task
5. Signal: E6	5. Signal: E7	5. Signal: E8	5. Signal: E9	5. Signal: E10