

## Appendix A

### PROBES DEPLOYED DURING MOMARSAT21 (RV ATALANTE AND NAUTILE SUBMERSIBLE) AND RECOVERED DURING MOMARSAT22 (RV POURQUOI PAS? AND NAUTILE SUBMERSIBLE)

\*most HTW probes have 2 data loggers (A and B) with their own serial number and sampling frequency, HTWN also have a serial number for the probe tip

\*\* lat lon from ROV VICTOR 6000 dives 2020

\*\*\* Clock drift  $\Delta t = \text{UTC\_Time} - \text{Logger\_Time}$

<i>Sensor's name site deployed date time deployed date time recovered</i>	<i>serial number*</i>	<i>dive numbers deployed recovered</i>	<i>Position at recovery</i>	<i>lon dec**</i>	<i>lat dec**</i>	<i>time stopped or last measurement (sensor)</i>	<i>time stopped (UTC)</i>	<i>drift*** (s)</i>	<i>Data/ sampling frequenc y (mn)</i>	<i>file names (raw data no time drift correction)</i>
<b>HTW005</b> White Castle 30/05/21 13:11 12/06/22 12:20	A: 20104781  B: 2256893	1993-05/ PL2030-3	In place	-32,28113	37,28970	Stopped on 16/12/2021 19:33:20  12/06/2022 17:58:00	stopped before recovery  12/06/2022 18:10:30	no drift data  750	ok/7  ok/14	WC_V00_210530_211216_HW005 A.txt  WC_V00_210530_220612_HW005 B.txt
<b>HTW019</b> Capelinhos 06/06/21 13 :34 18/06/22 15:44	B: 20104780	1996-08/ PL2035-8	in place	-32,26407	37,28928	02/04/2022	probe stopped	no drift data	ok/8	CA_V00_210606_220402_HW019B .txt
<b>HTW004</b> Tour Eiffel 11/06/21 13:32 15/06/22 12:27	A: 2256899  B: 20153599	2003-15/ PL2032-5	in place, probe broken on recovery	-32,27553	37,28882	16/06/2022 09:50:51  Stopped on 21/01/2022 09:24:31	16/06/2022 10:06:30  16/06/2022 09:12:51	939  no drift data	ok/14  ok but sensor already off	TE_V00_210611_220615_HW004A. txt  TE_V00_210611_220615_HW004B. txt
<b>HTWN019</b> White Castle 30/05/21 14:31 12/06/22 12:37	10858920	PL1993-05/ PL2030-3	In place	-32,28100	37,289833	13/06/2022 08:01:04	13/06/2022 08:05:30	266	ok/6	WC_V00_210530_220612_HWN01 9.txt
<b>HTWN013</b> Montségur 09/06/21 16:39 09/06/2022 11:38	10881314	PL2001-13/ PL2029-2	in place	32° 16.53580'	37° 17.28218	09/06/2022 16:06:34	09/06/2022 16:19:10	216	ok/7	MS_V00_210609_220609_HWN01 3.txt

<b>HTWN021</b> <i>Tour Eiffel (Aisics)</i> 11/06/21 13 :09 09/06/22 13:30	10858922	PL2003-15/ PL2029-2	in place	-32,27551	37,28892	09/06/2022 18:30:25	09/06/2022 18:32:15	110	ok/7	TE_V00_210611_220609_HWN021. txt
<b>HTNKE 30005</b> <i>Tour Eiffel (sud)</i> 12/06/21 14:53 21/06/22 14:58	30005	2004-16/ PL 2038-11	In place	-32,27576	37,28890		22/06/2022 08:44:30	1067	ok but large time drift/4	TE_V00_210612_220621_HN30005 .txt
<b>HTNKE 29012</b> <i>Tour Eiffel (nord)</i> 12/06/21 15:29 12/06/22 11:02	29012	2004-16/ PL 2030-3	in place	-32,27564	37,28924		13/06/2022 10:23:30	1684	ok but very large time drift/4	TE_V00_210612_220612 _HN29012.txt
<b>HTNKE30007</b> <i>Tour Eiffel (sud)</i> 12/06/21 14:30 16/06/22 14:58	30007	2004-16/ PL2033-6	In place	-32,27574	37,28882		18/06/2022 17:32:50	370	ok/1.5	TE_V00_210612_220616_HN30007 .txt
<b>HTNKE30014</b> <i>Tour Eiffel (Soleil)</i> 12/06/21 14:29 16/06/22 15:22	30014	2004-16/ PL 2033-6	In place	-32,27578	37,28885		18/06/2022 17:03:00	682	ok/4	TE_V00_210612_220616_HN30014 .txt
<b>HTNKE 30001</b> <i>Tour Eiffel (est)</i> 06/06/21 15:35 12/06/22 10:38	30001	PL1999-11/ PL2030-3	in place	-32,27538	37,288727		13/06/2022 11:08:30	633	ok/3	TE_V00_210606_220616_HN30001 .txt
<b>HTNKE 29008</b> <i>Tour Eiffel (ouest)</i> 13/06/21 15 :09 21/06/22 14:01	29008	PL2005-17/ PL 2038-11	?	-32,27579	37,288955		22/06/2022 08:54:00	368	ok/4	TE_V00_210613_220621_HN29008 .txt
<b>HTNKE29006</b> <i>Montségur (nord)</i> 06/06/21 15:17 15/06/2022 10:31	29006	PL1999-11/ PL2032-5	In place	-32,27558	37,28825		18/06/2022 17:28:00	655	ok/3	MS_V00_210606_220615_HN2900 6.txt
<b>HTNKE30002</b> <i>South Crystal</i> 30/05/21 16:20 120622 14:23	30002	PL1993-05/ PL2030-3	In place	-32,28217	37,29059		13/06/2022 11:00:15	530	ok/1.5	SC_V00_210530_220612_HN30002 .txt
<b>HTNKE 30015</b> <i>Sintra</i> 04/06/21 15:47 17/06/22 12:37	30015	PL1997-09/ PL2034-7	in place	-32,27510	37,29211		18/06/2022 16:54:00	734	ok/3	SI_V00_210604_220617_HN30015. txt

<b>HTNKE 29016</b> Cyprès 06/06/21 12:41 120622 14:59	29016	PL1999-11/ PL2030-3	in place	-32,28094	37,29092		13/06/2022 10:51:55	693	ok/1.5	CY_V00_210606_220612_HN29016.txt
<b>HTNKE29009</b> White Castle 30/05/21 13:58 120622 13:33	29009	PL1993-05/ PL2030-3	in place	32° 16.86104'	37° 17.39273'		13/06/2022 10:41:30	427	ok/1.5	WC_V00_210530_220612_HN29009.txt
<b>HTNKE38002</b> White Castle (north) 30/05/21 13:58 120622 14:06	38002	PL1993-05/ PL2030-3	in place	32° 16.86104'	37° 17.39273'		13/06/2022 11:16:05	271	ok/1.5	WC_V00_210530_220612_HN38002.txt
<b>HTNKE38003</b> White Castle 30/05/21 14:53 120622 12:35	38003	PL1993-05/ PL2030-3	in place	32° 16.86104'	37° 17.39273'		13/06/2022 10:04:30	1121	ok but large time drift/1.5	WC_V00_210530_220612_HN38003.txt
<b>LTNKE26004</b> Tour Eiffel (west) 13/06/21 15:45 21/06/22 14:50	26004	PL2005-17/ PL 2038-11	fallen?	-32,27586	37,289015		22/06/2022 08:35:30	218	ok/2	TE_V00_210613_220621_LN26004.txt
<b>LTW018</b> Tour Eiffel (est) 06/06/21 16:13 24/06/22 13:21	9935635	PL1999-11/ PL2041-14	in place	-32,27546	37,28901	24/06/2022 17:50:56	24/06/2022 17:52:45	109	ok/14	TE_V00_210606_220624_LW018.txt
<b>LTW040</b> Tour Eiffel (south) 14/06/21 12:52 21/06/22 15:04	10432656	PL2006-18/ PL 2038-11	in place	32° 16.52206'	37° 17.34032'	22/06/2022 20:18:07	22/06/2022 20:25:45	458	ok/14	TE_V00_210614_220621_LW040.txt
<b>LTW017</b> South Crystal 30/05/21 16:14 120622 14:31	9935634	PL1993-05/ PL2030-3	In place	-32,28209	37,29057	13/06/2022 08:54:28	13/06/2022 09:00:50	382	ok/14	SC_V00_210530_220612_LW017.txt
<b>LTi1</b> Tour Eiffel (west) 13/06/21 15:21 21/06/22 14:23		PL2005-17/ PL 2038-11	fallen	-32,27579	37,28905	22/06/2022 15:47:38	22/06/2022 15:56:45	547	ok/0.5	TE_V00_210613_220621_LI1.txt
<b>LTgrad1</b> Tour Eiffel (east) 06/06/21 15:41 12/06/22 10:35	high: ibutton 2 5764FA41  low: ibutton 1	PL1999-11/ PL2030-3		-32,27538	37,288727	12/05/2022 17:15:01	13/06/2022 14:13:15	-1107	ok /60	TE_V00_210606_220512_LB0002.txt

						probe unreadable			broken	no data
<b>LTgrad2</b> <i>Tour Eiffel (east)</i> 06/06/21 15:50 12/06/22 10:40	high: ibutton 10 584B8541  low: ibutton 9 575E2641	PL1999-11/ PL2030-3		-32,27531	37,288848	12/05/2022 17:33:01  12/05/2022 17:27:01	13/06/2022 14:00:30  13/06/2022 14:06:10	-1296  -1023	ok/60  ok/60	TE_V00_210606_220512_LB0010.t xt  TE_V00_210606_220512_LB0009.t xt
<b>LTgrad10</b> <i>Tour Eiffel (east)</i> 14/06/21 14:04 12/06/22 10:45	high: ibutton 20 5761BD41  low: ibutton 19 5763FB41	PL2006-18/ PL2030-3	In place	-32,27528	37,288888	16/05/2022 02:04:01  16/05/2022 01:58:01	13/06/2022 13:47:00  13/06/2022 13:53:00	-802  -671	ok/60  ok/60	TE_V00_210614_220516_LB0020.t xt  TE_V00_210614_220516_LB0019.t xt
<b>LTgrad5</b> <i>Tour Eiffel (east)</i> 06/06/21 16:15 24/06/22 13:20	high: ibutton 5 575E9F41  low: ibutton 21 576A1841	PL1999-11/ PL2041-14	in place	-32,27549	37,289013	12/05/2022 20:32:01  12/05/2022 18:00:01	24/06/2022 18:06:10  24/06/2022 18:13:35	-1271  -1409	ok/60  ok/60	TE_V00_210606_220512_LB0005.t xt  TE_V00_210606_220512_LB0021.t xt
<b>LTgrad9</b> <i>Tour Eiffel (North)</i> 06/06/21 16:32 12/06/22 11:14	high: ibutton 8 5760F741  low: ibutton 7 575ED241	PL1999-11/ PL2030-3	In place	-32,27548	37,288867	12/05/2022 20:47:01  22/05/2022 20:43:01	13/06/2022 13:22:00  13/06/2022 13:35:15	-1017  -1169	ok/60  ok/60	TE_V00_210606_220512_LB0008.t xt  TE_V00_210606_220512_LB0007.t xt
<b>LTgrad12</b> <i>Tour Eiffel (west)</i> 13/06/21 14:58 21/06/22 14:14	high: ibutton 24 5852FC41  low: ibutton 23 5853CD41	PL2005-17/ PL 2038-11	In place	-32,27579	37,288963	14/05/2022 00:47:01  14/05/2022 00:42:01	22/06/2022 09:31:45  22/06/2022 09:39:30	-999  -1185	ok/60  ok /60	TE_V00_210613_220514_LB0024.t xt  TE_V00_210613_220514_LB0023.t xt
<b>LTgrad15</b> <i>Tour Eiffel (south)</i> 12/06/21 14:30 16/06/22 14:50	high: ibutton 30 584A8541  low: ibutton 29 584C4F41	PL2004-16/ PL2033-6	In place	-32,27574	37,288882	16/05/2022 03:36:01  16/05/2022 03:26:01	20/06/2022 17:34:40  20/06/2022 17:45:45	-1183  -1439	ok/60  ok/60	TE_V00_210612_220516_LB0030.t xt  TE_V00_210612_220516_LB0029.t xt
<b>LTgrad13</b> <i>Tour Eiffel (west)</i> 13/06/21 15:19	high: ibutton 26	PL2005-17/ PL 2038-11	In place	-32,27549	37,289013				probe dead	no data

21/06/21 14:42	low: ibutton 25								probe dead	no data
<b>LTgrad14</b> <i>Tour Eiffel (west)</i> 13/06/21 15:30 21/06/22 14:50	high: ibutton 28 584E9241  low: ibutton 27 5853B141	PL2005-17/ PL2038-11	In place	-32,27586	37,289015	14/05/2022 01:10:01  14/05/2022 01:03:01	22/06/2022 14:07:45  22/06/2022 14:13:10	-1115  -1047	ok/60  ok/60	TE_V00_210613_220514_LB0028.t xt  TE_V00_210613_220514_LB0027.t xt