

7P/Pons-Winnecke					
Data 2021	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	r	m
	h m s	° '			
IV 1	17 51 01.3	+ 9 03 57	0.813	1.410	10.0
11	18 22 39.4	+ 8 08 50	0.725	1.357	9.6
21	18 56 05.2	+ 6 32 36	0.648	1.311	9.2
V 1	19 31 33.0	+ 4 00 17	0.580	1.275	8.9
11	20 09 04.2	+ 0 19 02	0.524	1.250	8.6
21	20 48 14.8	- 4 38 27	0.481	1.237	8.3
31	21 28 14.7	-10 45 18	0.454	1.235	8.2

6P/d'Arrest					
Data 2021	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	r	m
	h m s	° '			
VII 30	16 16 03.3	+ 3 42 54	0.746	1.469	10.0
VIII 9	16 26 29.7	- 1 27 40	0.748	1.430	9.9
19	16 42 03.3	- 6 56 39	0.756	1.397	9.8
29	17 02 39.6	-12 28 12	0.772	1.374	9.8
IX 8	17 28 11.7	-17 45 22	0.797	1.359	9.8
18	17 58 25.4	-22 30 21	0.831	1.355	9.9
28	18 32 43.7	-26 26 36	0.876	1.360	10.0
X 8	19 10 09.5	-29 21 30	0.932	1.375	10.2

141P/Machholz					
Data 2021	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	r	m
	h m s	° '			
I 1	22 47 16.9	- 8 30 39	0.589	0.852	8.8
11	0 01 09.	- 7 31 43	0.533	0.915	9.5
21	1 21 43.7	- 5 47 30	0.521	0.997	10.5

19P/Borrelly					
Data 2021	$\alpha_{2000}$	$\delta_{2000}$	$\Delta$	r	m
	h m s	° '			
XII 7	23 34 39.2	-34 35 03	1.175	1.469	9.0
17	23 50 30.3	-28 22 10	1.175	1.420	8.7
27	0 08 21.7	-21 41 09	1.180	1.378	8.3
2022 I 6	0 27 54.9	-14 38 19	1.192	1.345	8.1