## **Bitstamp**

Q3 2022

# Interface performance and uptime report

#### **Dedicated interface**

	Availability statistics		Performance statistics				
date	uptime	downtime	response	request_count	error_rate	avg_latency	
			AISP	0	0	0	
30/09/2022	100	0	PISP	0	0	0	
30/09/2022	100	U	CBPII	0	0	0	
			AISP	0	0	0	
20/00/2022	100		PISP	0	0	0	
29/09/2022	100	0	CBPII	0	0	0	
			AISP	0	0	0	
20/00/2022	00.3515	0.6405	PISP	0	0	0	
28/09/2022	99,3515	0,6485	CBPII	0	0	0	
			AISP	0	0	0	
27/00/2022	100		PISP	0	0	0	
27/09/2022 100	0	CBPII	0	0	0		
			AISP	0	0	0	
26/00/2022	100		PISP	0	0	0	
26/09/2022 100	100	0	CBPII	0	0	0	
		AISP	0	0	0		
25/09/2022 99,9876	00.0076	0.0404	PISP	0	0	0	
	99,9876	0,0124	CBPII	0	0	0	
		AISP	0	0	0		
24/09/2022 100	100		PISP	0	0	0	
	100	0	CBPII	0	0	0	
			AISP	0	0	0	
22/00/2022	100	0	PISP	0	0	0	
23/09/2022	100	0	CBPII	0	0	0	
			AISP	0	0	0	
22/22/222	100		PISP	0	0	0	
22/09/2022	100	0	CBPII	0	0	0	
			AISP	0	0	0	
24/00/0000	100		PISP	0	0	0	
21/09/2022	100	0	CBPII	0	0	0	
			AISP	0	0	0	
			PISP	0	0	0	
20/09/2022	100	0	CBPII	0	0	0	
			AISP	0	0	0	
10/00/0000	100		PISP	0	0	0	
19/09/2022	100	0	CBPII	0	0	0	
			AISP	0	0	0	
40/00/2022	100		PISP	0	0	0	
18/09/2022	100	0	CBPII	0	0	0	
			AISP	0	0	0	
47/00/2022			PISP	0	0	0	
17/09/2022	100	0	CBPII	0	0	0	
			AISP	0	0	0	
			PISP	0	0	0	
16/09/2022	100	0	CBPII	0	0	0	

			AISP	0	0	0
15/09/2022	100	0	PISP	0	0	0
13/09/2022	100	0	CBPII	0	0	0
			AISP	0	0	0
14/09/2022 9	99,9877	0,0123	PISP	0	0	0
14/09/2022	99,9677	0,0123	CBPII	0	0	0
			AISP	0	0	0
12/00/2022	100		PISP	0	0	0
13/09/2022	100	0	CBPII	0	0	0
			AISP	0	0	0
42/00/2022	100		PISP	0	0	0
12/09/2022	100	0	CBPII	0	0	0
		AISP	0	0	0	
			PISP	0	0	0
11/09/2022	100	0	CBPII	0	0	0
			AISP	0	0	0
			PISP	0	0	0
10/09/2022	100	0	CBPII	0	0	0
		AISP	0	0	0	
09/09/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
08/09/2022	100	0	PISP	0	0	0
		_	CBPII	0	0	0
07/09/2022	100	0	AISP	0	0	0
			PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
06/09/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
		100 0	AISP	0	0	0
05/09/2022	100		PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
04/09/2022	100	0	PISP	0	0	0
04/03/2022	100	Ü	CBPII	0	0	0
			AISP	0	0	0
03/09/2022	100	0	PISP	0	0	0
03/09/2022	100	0	CBPII	0	0	0
			AISP	0	0	0
02/00/2022	100		PISP	0	0	0
02/09/2022	100	0	CBPII	0	0	0
			AISP	0	0	0
			PISP	0	0	0
01/09/2022	100	0	CBPII	0	0	0
			AISP	0	0	0
			PISP	0	0	0
31/08/2022	100	0				
			CBPII	0	0	0
			AISP	0	0	0
30/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
29/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
28/08/2022	100	0	PISP	0	0	0
•			CBPII	0	0	0

			AISP	0	0	0
27/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
26/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
25/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
24/08/2022	24/08/2022 100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
23/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
22/08/2022	22/08/2022 100	0	PISP	0	0	0
,,		CBPII	0	0	0	
			AISP	0	0	0
21/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
20/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
19/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
18/08/2022	100	100 0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
17/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
16/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
15/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
14/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
13/08/2022	99,9875	0,0125	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
12/08/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
11/08/2022	99,9874	0,0126	PISP	0	0	0
11,00,2022	55,5074	0,0120	CBPII	0	0	0
			AISP	0	0	0
10/00/2022	100		PISP	0	0	0
10/08/2022	100	0	CBPII	0	0	0
			CDFII			

			AISP	0	0	0
09/08/2022	100	0	PISP	0	0	0
03,03,2322			CBPII	0	0	0
			AISP	0	0	0
08/08/2022	100	0	PISP	0	0	0
00,00,2022	.00		CBPII	0	0	0
			AISP	0	0	0
07/08/2022	100	0	PISP	0	0	0
07/00/2022	07/00/2022	Ü	CBPII	0	0	0
			AISP	0	0	0
06/08/2022	06/08/2022 100	0	PISP	0	0	0
00/08/2022	Ŭ.	CBPII	0	0	0	
			AISP	0	0	0
05/08/2022	99,9877	0,0123	PISP	0	0	0
03/06/2022	99,9677	0,0123	CBPII	0	0	0
		AISP	0	0	0	
04/00/2022	00.014	0.006	PISP	0	0	0
04/08/2022 99,014	99,014	0,986	CBPII	0	0	0
			AISP	0	0	0
03/08/2022 100			PISP	0	0	0
	100	0	CBPII	0	0	0
			AISP	0	0	0
			PISP	0	0	0
02/08/2022 10	100	0	CBPII	0	0	0
			AISP	0	0	0
			PISP	0	0	0
01/08/2022	100	0	CBPII	0	0	0
			AISP	0	0	0
			PISP	0	0	0
31/07/2022	100	0			0	
			CBPII	0	0	0
			AISP PISP	0	0	0
30/07/2022	100	0				
			CBPII	0	0	0
			AISP	0	0	0
29/07/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
28/07/2022	100	0	PISP	0	0	0
		1	CBPII	0	0	0
			AISP	0	0	0
27/07/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
26/07/2022	100	0	PISP	0	0	0
		-	CBPII	0	0	0
			AISP	0	0	0
25/07/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
24/07/2022	100	0	PISP	0	0	0
			CBPII	0	0	0

			AISP	0	0	0
23/07/2022	100	0	PISP	0	0	0
20,07,2022			CBPII	0	0	0
			AISP	0	0	0
22/07/2022	100	0	PISP	0	0	0
22/07/2022	100		CBPII	0	0	0
			AISP	0	0	0
21/07/2022	100	0	PISP	0	0	0
21/07/2022		CBPII	0	0	0	
			AISP	0	0	0
20/07/2022	20/07/2022 100	0	PISP	0	0	0
20/07/2022		Ü	CBPII	0	0	0
			AISP	0	0	0
19/07/2022	100	0	PISP	0	0	0
19/07/2022	100	0	CBPII	0	0	0
			AISP	0	0	0
18/07/2022 100	100	0	PISP	0	0	0
18/07/2022	100	0	CBPII	0	0	0
			AISP	0	0	0
47/07/0000	100		PISP	0	0	0
17/07/2022	100	0	CBPII	0	0	0
			AISP	0	0	0
		100 0	PISP	0	0	0
16/07/2022 100	100		CBPII	0	0	0
			AISP	0	0	0
		0,1473	PISP	0	0	0
15/07/2022	99,8527		CBPII	0	0	0
			AISP	0	0	0
			PISP	0	0	0
14/07/2022	99,9388	0,0612	CBPII	0	0	0
			AISP	0	0	0
			PISP	0	0	0
13/07/2022	99,9755	0,0245	CBPII	0	0	0
			AISP	0	0	0
			PISP	0	0	0
12/07/2022	99,9261	0,0739			0	
			CBPII	0	0	0
			AISP	0		0
11/07/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
10/07/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
09/07/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
08/07/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
07/07/2022	99,7895	0,2105	PISP	0	0	0
			CBPII	0	0	0

			AISP	0	0	0
06/07/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
05/07/2022	99,8143	0,1857	PISP	0	0	0
	,	,	CBPII	0	0	0
			AISP	0	0	0
04/07/2022	100	О	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
03/07/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
02/07/2022	100	0	PISP	0	0	0
			CBPII	0	0	0
			AISP	0	0	0
01/07/2022	100	О	PISP	0	0	0
			CBPII	0	0	0

## **PSU Interface (web)**

	Availability statistics		Performance statistics				
date	uptime	downtime	response	request_count	error_count	avg_latency	
20/00/2022	00 05011335	0.040006746	AISP	964	0	429,987861	
30/09/2022	99,95911325	0,040886746	PISP	0	0	0	
29/09/2022	99,95846591	0,041534093	AISP	928	0	447,4184515	
29/09/2022	99,93646391	0,041334093	PISP	0	0	0	
28/09/2022	99,99470551	0,005294489	AISP	861	0	422,4259326	
20/03/2022	33,33470331	0,003234403	PISP	0	0	0	
27/09/2022	100	0	AISP	1072	0	656,5388022	
			PISP	0	0	0	
26/09/2022	99,95846591	0,041534093	AISP	809	0	844,1419271	
		.,	PISP	0	0	0	
25/09/2022	99,99470551	0,005294489	AISP	720	0	812,3923542	
	,	,	PISP	0	0	0	
24/09/2022	99,8535871	0,1464129	AISP	750	0	828,790968	
	,	,	PISP	0	0	0	
23/09/2022	99,8813056	0,1186944	AISP	1088	0	829,4799531	
	,	,	PISP	0	0	0	
22/09/2022	99,95648743	0,043512569	AISP	1028	0	852,6960302	
			PISP	0	0	0	
21/09/2022	99,92407735	0,075922647	AISP	929	0	712,5014682	
	·	.,	PISP	0	0	0	
20/09/2022	99,88434466	0,11565534	AISP	965	0	714,3175959	
	-		PISP	0	0	0	
19/09/2022	99,8509243	0,1490757	AISP	1170	0	731,9044538	
			PISP	0	0	0	
18/09/2022	99,79313304	0,20686696	AISP	559	0	737,950381	
			PISP	0	0	0	
17/09/2022	99,92621529	0,073784711	AISP	590	0	698,9826051	
			PISP	0 884	0	0	
16/09/2022	99,8845932	0,1154068	AISP		0	694,2606357	
			PISP	968	0	734,4125785	
15/09/2022	100	0	PISP	0	0	0	
			AISP	903	0	705,1441949	
14/09/2022	99,95856591	0,041434093	PISP	0	0	0	
			AISP	936	0	751,3818547	
13/09/2022	99,95950875	0,040491251	PISP	0	0	0	
			AISP	1156	0	652,0522111	
12/09/2022	99,99511001	0,004889985	PISP	0	0	0	
			AISP	860	0	617,0988093	
11/09/2022	99,8584572	0,1415428	PISP	0	0	0	
			AISP	664	0	657,6834729	
10/09/2022	99,95896441	0,041035595	PISP	0	0	0	
			AISP	1004	0	670,7770697	
09/09/2022	99,99422333	0,005776671	PISP	0	0	0	

			AISP	819	19	4143,685599				
08/09/2022	99,99418609	0,005813908	PISP	0	0	0				
			AISP	904	0	678,4240265				
07/09/2022	99,9945946	0,0054054	PISP	0	0	0				
			AISP	975	0	689,9709415				
06/09/2022	99,99422333	0,005776671	PISP	0	0	0				
05/00/0000	00.00.440.000	0.005040000	AISP	691	0	692,7256758				
05/09/2022	99,99418609	0,005813908	PISP	0	0	0				
0.4/00/2022	00 0064073	0.442042600	AISP	365	0	700,4787205				
04/09/2022	99,8861873	0,113812699	PISP	0	0	0				
02/00/2022	00.0572566	0.042642401	AISP	300	0	711,2001333				
03/09/2022	99,9573566	0,042643401	PISP	0	0	0				
02/00/2022	00.0574001	0.1435000	AISP	731	0	753,5639384				
02/09/2022	99,8574991	0,1425009	PISP	0	0	0				
01/00/2022	00 0307740	0.0712251	AISP	902	0	678,1245987				
01/09/2022	99,9287749	0,0712251	PISP	0	0	0				
24/00/2022	00.06.47047	0.0353003	AISP	841	0	720,365346				
31/08/2022	99,9647017	0,0352983	PISP	0	0	0				
20/00/2022	00.0644255	00.0644255	00.0644255	00.0644255	/2022 00.0644255	0.0355745	AISP	964	0	707,7929056
30/08/2022	99,9644255	0,0355745	PISP	0	0	0				
20/00/2022	00 9029420	00 0020420	99,8938429	0.1061571	AISP	950	0	710,30666		
29/08/2022	99,8938429	0,1061571	PISP	0	0	0				
20/00/2022	00 025207	0.174703	AISP	533	0	682,3089962				
28/08/2022	99,825297	0,174703	PISP	0	0	0				
27/00/2022	00 00 47360	99 8947368	99 8947368	022 99,8947368	0.1052622	AISP	863	0	681,8464809	
27/08/2022	99,8947368	0,1052632	PISP	0	0	0				
26/00/2022	00 0200220	0,0700771	AISP	806	0	728,2642382				
26/08/2022	99,9299229	0,0700771	PISP	0	0	0				
25/00/2022	99,930021	0,069979	AISP	678	0	666,3917006				
25/08/2022	99,930021	0,069979	PISP	0	0	0				
24/08/2022	99,8945148	0,1054852	AISP	776	0	705,5663711				
24/06/2022	99,0943146	0,1034632	PISP	0	0	0				
12/00/2022	100	0	AISP	917	0	691,9786052				
23/08/2022	100	U	PISP	0	0	0				
22/00/2022	99,8946999	0,1053001	AISP	963	0	724,4930924				
22/08/2022	99,0940999	0,1033001	PISP	0	0	0				
21/08/2022	99,894329	0,105671	AISP	549	0	674,8619199				
£ 1/ UU/ ZUZZ	JJ,034323	0,1030/1	PISP	0	0	0				
20/08/2022	99,8942918	0,1057082	AISP	513	0	670,6646355				
20/06/2022	99,0942916	0,1037082	PISP	0	0	0				
19/08/2022	99,9296765	0,0703235	AISP	1182	1	694,4350432				
13/00/2022	99,9290703	0,0703233	PISP	0	0	0				
10/00/2022	99,8947368	0,1052632	AISP	416	0	683,7962115				
18/08/2022	55,054/300 	0,1052632	PISP	0	0	0				
17/08/2022	100	0	AISP	44	0	704,5093864				
17/08/2022	100	U	PISP	0	0	0				
16/00/2022	00 7076100	0.2122004	AISP	1115	0	808,4410691				
16/08/2022	99,7876106	0,2123894	PISP	0	0	0				
15/00/2022	00 020070	0.070033	AISP	906	0	751,4307285				
15/08/2022	99,929078	0,070922	PISP	0	0	0				

			AISP	622	0	716,6083601				
14/08/2022	99,8937301	0,1062699	PISP	0	0	0				
			AISP	578	0	701,0846522				
13/08/2022	99,8585573	0,1414427	PISP	0	0	0				
			AISP	859	1	701,0282681				
12/08/2022	99,929627	0,070373	PISP	0	0	0				
			AISP	1323	0	714,5069879				
11/08/2022	99,9646143	0,0353857	PISP	0	0	0				
			AISP	1220	0	710,5839311				
10/08/2022	99,9303379	0,0696621	PISP	0	0	0				
00/00/2022	00.0645043	0.035.4000	AISP	912	0	700,9202489				
09/08/2022	99,9645012	0,0354988	PISP	0	0	0				
00/00/2022	00.0650405	0.0240005	AISP	1100	0	713,66645				
08/08/2022	99,9650105	0,0349895	PISP	0	0	0				
07/00/0000		0.0700774	AISP	517	0	682,3075938				
07/08/2022	99,9299229	0,0700771	PISP	0	0	0				
0.5 (0.0 (0.000		0.000001	AISP	683	0	692,7598785				
06/08/2022	99,9300699	0,0699301	PISP	0	0	0				
05/00/0000	00.0554446	0.0040554	AISP	813	0	713,1925006				
05/08/2022	99,9651446	0,0348554	PISP	0	0	0				
0.4.10.0.10.000	00 020072	00 020072	00 020072	00 020072		0.070000	AISP	995	0	715,518992
04/08/2022	99,929972	0,070028	PISP	0	0	0				
02/00/2022	00.0204676	0.000001	AISP	901	0	746,3242841				
03/08/2022	99,9301676	0,0698324	PISP	0	0	0				
02/00/2022	00.0054040	99,8951049	0.40.40054	AISP	955	0	712,9180209			
02/08/2022	99,8951049	0,1048951	PISP	0	0	0				
01/00/2022	00.0040343	0.1050700	AISP	1078	0	751,8540399				
01/08/2022	99,8949212	0,1050788	PISP	0	0	0				
21/07/2022	00.030503	0.070407	AISP	693	0	711,2177417				
31/07/2022	99,929503	0,070497	PISP	0	0	0				
20/07/2022	99,9647142	0,0352858	AISP	884	0	673,6848247				
30/07/2022	99,9647142	0,0352656	PISP	0	0	0				
20/07/2022	00.0646019	0,0353982	AISP	969	0	691,8208793				
29/07/2022	99,9646018	0,0353962	PISP	0	0	0				
20/07/2022	00.850354	0,140746	AISP	1138	1	691,2950748				
28/07/2022	99,859254	0,140746	PISP	0	0	0				
27/07/2022	100	0	AISP	843	0	897,6290178				
27/07/2022	100	Ů.	PISP	0	0	0				
26/07/2022	99,97202797	0,027972028	AISP	969	1	777,4344566				
20/07/2022	99,97202797	0,027972028	PISP	0	0	0				
25/07/2022	99,80331554	0,196684462	AISP	943	0	717,6934284				
23/07/2022	99,60331334	0,190084402	PISP	0	0	0				
24/07/2022	99,97183892	0,028161081	AISP	732	0	691,5303169				
24/07/2022	33,37 10389Z	0,020101081	PISP	0	0	0				
23/07/2022	99 97165522	0,028344671	AISP	621	0	671,7284235				
23/07/2022	99,97165533	0,0203440/1	PISP	0	0	0				
22/07/2022	00.01560207	0.004217022	AISP	775	1	700,8657416				
22/07/2022	99,91568297	0,084317032	PISP	0	0	0				
21/07/2022	00 07005550	0.020044420	AISP	867	0	697,2601857				
21/07/2022	99,97095556	0,029044438	PISP	0	0	0				

			AISP	985	0	712,8130924				
20/07/2022	99,94261119	0,057388809	PISP	0	0	0				
			AISP	1108	0	723,5590587				
19/07/2022	99,90006662	0,099933378	PISP	0	0	0				
10/07/2022	00.04400700	0.455700000	AISP	1027	0	702,7077731				
18/07/2022	99,84429739	0,155702608	PISP	0	0	0				
		00 020 40626			AISP	557	0	696,8573627		
17/07/2022	99,83948636	0,160513644	PISP	0	0	0				
			AISP	475	0	689,6691474				
16/07/2022	99,76461357	0,235386426	PISP	0	0	0				
45 (07 (0000	00.75500054	0.00400005	AISP	682	0	745,7950147				
15/07/2022	99,76599064	0,23400936	PISP	0	0	0				
			AISP	779	0	717,2954326				
14/07/2022	99,72826087	0,27173913	PISP	0	0	0				
			AISP	754	0	729,9782255				
13/07/2022	99,62020509	0,379794911	PISP	0	0	0				
	99,73404255						AISP	781	0	740,9278246
12/07/2022		0,265957447	PISP	0	0	0				
	022 99,74349579		AISP	833	0	721,3030528				
11/07/2022		0,256504214	PISP	0	0	0				
						AISP	499	0	690,6418898	
10/07/2022	99,88933973	0,110660273	PISP	0	0	0				
			AISP	449	0	795,6889844				
09/07/2022	99,81624403	0,183755972	PISP	0	0	0				
				AISP	986	0	801,2821673			
08/07/2022	99,74573193	0,254268071	PISP	0	0	0				
			AISP	935	0	780,3090289				
07/07/2022	99,60615825	0,393841747	PISP	0	0	0				
			AISP	1024	0	793,3326973				
06/07/2022	99,75168499	0,248315005	PISP	0	0	0				
			AISP	1094	0	743,073308				
05/07/2022	99,74720116	0,252798844	PISP	0	0	0				
			AISP	1253	0	710,2464046				
04/07/2022	99,85245297	0,147547031	PISP	0	0	0				
			AISP	919	0	726,1852786				
03/07/2022	99,89067055	0,109329446	PISP	0	0	0				
			AISP	722	0	695,6978255				
02/07/2022	99,77810651	0,221893491	PISP	0	0	0				
01/07/2022	99,88978692	0,110213079	AISP	1611	0	717,254586				
,,	33,3337332	3,2.13073	PISP	0	0	0				

### **PSU Interface (mobile)**

	Availability statistics		Performance statistics				
date	uptime	downtime	response	request_count	error_rate	avg_latency	
20/00/2000	00.05044305	0.040005745	AISP	464421	0	144,2442007	
30/09/2022	99,95911325	0,040886746	PISP	150	0	723,34892	
20/00/2022	00.050.46504	0.044524003	AISP	459582	0	143,4907047	
29/09/2022	99,95846591	0,041534093	PISP	146	0	705,3811644	
20/00/2022	00 00 470554	0.005204400	AISP	469434	0,005751607	144,6237359	
28/09/2022	99,99470551	0,005294489	PISP	131	0	690,4136565	
27/00/2022	100		AISP	594160	0	291,6619855	
27/09/2022	100	0	PISP	148	0	751,9686486	
20/00/2022	00.05046501	0.041534003	AISP	459869	0	429,2938838	
26/09/2022	99,95846591	0,041534093	PISP	175	0	748,1826457	
25/00/2022	00 00/70551	0.005204400	AISP	406536	0	432,2849813	
25/09/2022	99,99470551	0,005294489	PISP	75	0	819,6052933	
24/00/2022	00.0535074	0.146.4130	AISP	442511	0	428,4169441	
24/09/2022	99,8535871	0,1464129	PISP	70	0	814,1844	
22/00/2022	99,8813056	0.1196044	AISP	699220	0	428,7922303	
23/09/2022	99,8813056	0,1186944	PISP	157	0	746,1840764	
22/09/2022	99,95648743	0,043512569	AISP	681892	0	428,3792661	
			PISP	156	0	737,0515577	
21/00/2022	99,92407735	0.075022647	AISP	534997	0	424,7306012	
21/09/2022		0,075922647	PISP	129	0	743,5981163	
20/00/2022	99.88434466	99,88434466	0.1156553.4	AISP	497032	0	426,8744304
20/09/2022	99,00434400	0,11565534	PISP	163	0	744,4420491	
10/00/2022	99,8509243	0,1490757	AISP	562605	0	432,3445769	
19/09/2022	99,6509243	0,1490757	PISP	128	0	748,3027813	
18/09/2022	99,79313304	0,20686696	AISP	462822	0	433,3203318	
16/09/2022	99,79313304	0,20080090	PISP	79	0	784,7673165	
17/09/2022	99,92621529	0,073784711	AISP	399390	0	431,3494289	
17/09/2022	99,92021329	0,073784711	PISP	62	0	791,3005645	
16/09/2022	99,8845932	0,1154068	AISP	413726	0	426,6042915	
10/03/2022	99,0043932	0,1134008	PISP	116	0	745,2442586	
15/09/2022	100	0	AISP	506292	0,007900579	433,8260097	
13/03/2022	100	0	PISP	132	0	766,0375758	
14/09/2022	99,95856591	0,041434093	AISP	440300	0	423,1053702	
17/03/2022	55,55050591	0,041434033	PISP	112	0	747,1140357	
13/09/2022	99,95950875	0,040491251	AISP	491966	0	420,3697458	
13/03/2022	99,93930673	0,040431231	PISP	120	0	733,2738333	
12/09/2022	99,99511001	0,004889985	AISP	518771	0	395,6054862	
12/03/2022	55,55511001	0,007009903	PISP	163	0	732,6659632	
11/09/2022	99,8584572	0,1415428	AISP	374284	0	401,560128	
11/03/2022	33,0304372	0,1413420	PISP	87	0	778,3333908	
10/09/2022	99,95896441	0,041035595	AISP	389757	0	407,437756	
10/03/2022	55,55050441	0,0+1033333	PISP	73	0	805,1129726	
09/09/2022	99,99422333	0,005776671	AISP	546217	0	407,648674	
03/03/2022	33,3342233	0,003/700/1	PISP	149	0	735,5463893	

			AISP	372172	0,011822491	399,3367533			
08/09/2022	99,99418609	0,005813908	PISP	148	0	723,6024054			
			AISP	435429	0,000229659	396,3374905			
07/09/2022	99,9945946	0,0054054	PISP	141	0	729,2651135			
			AISP	505112	0,000197976	399,0502737			
06/09/2022	99,99422333	0,005776671	PISP	170	0	724,8839941			
			AISP	343971	0,000290722	399,2348892			
05/09/2022	99,99418609	0,005813908	PISP	147	0	738,3924286			
0.4./0.0./0.000	00 0051073	0.11201200	AISP	285710	0	401,486119			
04/09/2022	99,8861873	0,113812699	PISP	70	0	795,9818286			
02/00/2022	00.0572566	0.042642404	AISP	277146	0	395,6113146			
03/09/2022	99,9573566	0,042643401	PISP	54	0	758,9537963			
00/00/0000	00.0574004	0.1.105.000	AISP	392118	0	398,6879738			
02/09/2022	99,8574991	0,1425009	PISP	113	0	750,5656726			
04/00/2022	00 0207740	0.0742254	AISP	376524	0	396,6790713			
01/09/2022	99,9287749	0,0712251	PISP	148	0	733,0125203			
	00.05.47047	0.0050000	AISP	370431	0	393,0022711			
31/08/2022	99,9647017	0,0352983	PISP	131	0	727,5695878			
20/20/2022	00.0544055	0.0055745	AISP	430700	0,00023218	388,6887903			
30/08/2022	99,9644255	0,0355745	PISP	129	0	713,5319612			
20 /20 /2022	00.9039430	00 0030430	00.0030.430	00.0020420	0.4064574	AISP	433345	0	386,3862731
29/08/2022	99,8938429	0,1061571	PISP	120	0	729,3630833			
20/20/2022	00 005007		AISP	350043	0	379,0386156			
28/08/2022	99,825297	0,174703	PISP	69	0	754,4384638			
27/00/2022		0.4052622	AISP	411513	0	384,3892192			
27/08/2022	99,8947368	0,1052632	PISP	55	0	756,4773818			
26/00/2022	00 0200220	0.0700771	AISP	478645	0,011281848	386,2576051			
26/08/2022	99,9299229	0,0700771	PISP	93	0	779,6687527			
25 /00 /2022	00 030034	0.00070	AISP	389329	0	384,4605199			
25/08/2022	99,930021	0,069979	PISP	138	0	732,3546812			
24/00/2022	00 00 454 40	0.405.4052	AISP	415218	0	389,3551438			
24/08/2022	99,8945148	0,1054852	PISP	129	0	746,3699457			
22/00/2022	100		AISP	407737	0	379,8263143			
23/08/2022	100	0	PISP	114	0	711,5166842			
22 /22 /222	00.0046000	0.4052004	AISP	409455	0	381,3706382			
22/08/2022	99,8946999	0,1053001	PISP	116	0	735,3419741			
24/00/2022	00 00 1330	0.405674	AISP	364749	0	384,2681896			
21/08/2022	99,894329	0,105671	PISP	72	0	780,7266111			
20/00/2022	00.0043343	0.4057000	AISP	392513	0	380,7961173			
20/08/2022	99,8942918	0,1057082	PISP	64	0	755,7729531			
40 100 12022	00.020.5755	0.0702225	AISP	583397	0	384,4399409			
19/08/2022	99,9296765	0,0703235	PISP	112	0	750,1450625			
40.100.12022	00.00.175.55	0.4050055	AISP	230629	0	373,5172704			
18/08/2022	99,8947368	0,1052632	PISP	74	0	667,6943514			
47/00/2255	100		AISP	26629	0	343,3002356			
17/08/2022	100	0	PISP	2	0	651,9655			
10/00/22	00		AISP	465211	0	399,5753947			
16/08/2022	99,7876106	0,2123894	PISP	165	0	752,4344			
			AISP	503150	0	398,8048752			
15/08/2022	99,929078	0,070922	PISP	128	0	736,0839297			

			AISP	524592	0	401,8333764
14/08/2022	99,8937301	0,1062699	PISP	96	0	801,6264896
13/08/2022	99,8585573		AISP	554939	0	397,7928733
		0,1414427	PISP	77	0	774,1618312
12/08/2022			AISP	469016	0	394,4997612
	99,929627	0,070373	PISP	119	0	744,8830084
	99,9646143	0,0353857	AISP	599818	0,016004855	397,2952133
11/08/2022			PISP	148	0	759,6825946
10/08/2022	99,9303379	0,0696621	AISP	567535	0,010572035	394,0974325
			PISP	143	0	738,767007
09/08/2022	99,9645012	0,0354988	AISP	490771	0,011614378	394,5011331
			PISP	138	0	737,2236232
08/08/2022	99,9650105	0,0349895	AISP	570893	0	401,8945642
			PISP	191	0	820,4097016
07/08/2022	99,9299229	0,0700771	AISP	349683	0	404,4945574
			PISP	69	0	788,2961739
06/08/2022			AISP	359907	0	391,5816293
	99,9300699	0,0699301	PISP	62	0	781,0843548
05/08/2022	99,9651446	0,0348554	AISP	452585	0	391,4160935
			PISP	131	0	744,8854275
04/08/2022	99,929972	0,070028	AISP	412794	0,000242252	423,6342043
			PISP	112	0	721,9930446
03/08/2022	99,9301676		AISP	458045	0,017683852	448,7022183
		0,0698324	PISP	130	0	745,4493385
02/08/2022	99,8951049	0,1048951	AISP	484440	0,000206424	521,4577396
			PISP	126	0	743,6747857
01/08/2022	99,8949212	0,1050788	AISP	469989	0,000212771	647,8002075
			PISP	167	0	761,314006
	99,929503		AISP	437123	0	654,7443294
31/07/2022		0,070497	PISP	92	0	798,7657826
	99,9647142		AISP	552093	0	655,5682267
30/07/2022		0,0352858	PISP	91	0	783,5935385
29/07/2022	99,9646018	0,0353982	AISP	591292	0,016912118	659,1450527
			PISP	145	0	754,886931
28/07/2022	99,859254	0,140746	AISP	724224	0	659,2664283
			PISP	180	0	724,2302111
27/07/2022	100	0	AISP	510060	0	651,068019
			PISP	130	0	782,4644615
26/07/2022	99,97202797	0,027972028	AISP	422126	0	642,3273319
			PISP	121	0	747,8921653
25/07/2022	99,80331554	0,196684462	AISP	445184	0,009434301	640,1758967
			PISP	126	0	759,5793968
	99,97183892	0,028161081	AISP	379441	0	650,8141822
24/07/2022			PISP	77	0	749,4191818
23/07/2022	99,97165533	0,028344671	AISP	361162	0,000276884	653,8970283
			PISP	49	0	790,7776531
22/07/2022	99,91568297	0,084317032	AISP	523124	0	657,1122071
			PISP	111	0	762,5814775
21/07/2022	99,97095556	0,029044438	AISP	515429	0	646,2202985
			PISP	111	0	757,1097297

20/07/2022	99,94261119	0,057388809	AISP	689121	0	667,7673826
			PISP	133	0	731,8201278
19/07/2022	99,90006662		AISP	718263	0	665,8574866
		0,099933378	PISP	168	0	741,9057976
18/07/2022	99,84429739	0,155702608	AISP	706567	0	664,6953152
			PISP	181	0	730,743884
17/07/2022	99,83948636	0,160513644	AISP	434555	0	652,4460769
			PISP	92	0	772,8884348
16/07/2022	99,76461357	0,235386426	AISP	426735	0	650,519792
			PISP	74	0	756,2459324
15/07/2022	99,76599064	0,23400936	AISP	462338	0	648,6528208
			PISP	156	0	740,6785385
14/07/2022	99,72826087	0,27173913	AISP	482433	0	650,086688
			PISP	124	0	727,0045565
13/07/2022	99,62020509	0,379794911	AISP	425693	0	644,5549573
			PISP	123	0	718,9440325
12/07/2022	99,73404255	0,265957447	AISP	367942	0,003261384	636,6270869
			PISP	105	0	735,1425714
11/07/2022	99,74349579	0,256504214	AISP	397755	0,011816319	650,0822921
			PISP	145	0	723,9859724
10/07/2022	99,88933973	0,110660273	AISP	358978	0	656,0754885
			PISP	67	0	762,2781343
09/07/2022	99,81624403	0,183755972	AISP	356005	0	650,619444
			PISP	59	0	768,9130678
08/07/2022	99,74573193	0,254268071	AISP	520493	0,000192126	655,5953774
			PISP	134	0	751,339597
07/07/2022	99,60615825	0,393841747	AISP	550547	0	657,1666374
			PISP	169	0	731,6763314
06/07/2022	99,75168499	0,248315005	AISP	431839	0	645,4443446
			PISP	160	0	730,6825
05/07/2022	99,74720116	0,252798844	AISP	469751	0	649,6054553
			PISP	164	0	719,4441646
04/07/2022	99,85245297	0,147547031	AISP	433442	0	651,5629738
			PISP	170	0	720,1274824
03/07/2022	99,89067055	0,109329446	AISP	343604	0	640,4166124
			PISP	89	0	778,6414045
02/07/2022	99,77810651	0,221893491	AISP	305979	0	642,1036749
			PISP	99	0	787,6993434
01/07/2022	99,88978692	0,110213079	AISP	434790	0	642,4137605
			PISP	173	0	731,5726532