

Raw navigation data and transit times for Run-1 at Blackback A1 ST-1

TRACE NUMBER	SOURCE POSITION_X	SOURCE POSITION_Y	MEASURED DEPTH	TRANSIT_TIME SENSOR	TRANSIT_TIME GEOPHONE	TRANSIT TIME
	(m)	(m)	(m)	(s)	(s)	(s)
0	635347.0	5733157.0	421.0	0.0170	0.0170	0.0000
1	635347.0	5733150.0	421.0	0.0273	0.0273	0.0000
2	635350.0	5733157.0	421.0	0.0518	0.3693	0.3174
3	635349.0	5733153.5	421.0	0.0518	0.3682	0.3164
4	0.0	0.0	421.0	0.0574	0.3686	0.3112
5	0.0	0.0	421.0	0.0000	0.0000	0.0000
6	635347.0	5733159.0	421.0	0.0575	0.3703	0.3129
7	635346.0	5733153.5	421.0	0.0000	0.0000	0.0000
8	635349.0	5733151.0	421.0	0.0574	0.3676	0.3102
9	635353.0	5733161.0	421.0	0.0000	0.0000	0.0000
10	635352.0	5733155.0	421.0	0.0566	0.3361	0.2795
11	635341.0	5733157.0	1312.0	0.0565	0.6412	0.5847
12	635346.0	5733151.0	1312.0	0.0574	0.6421	0.5847
13	635355.0	5733157.0	1312.0	0.0566	0.6411	0.5845
14	635348.0	5733155.5	1320.0	0.0572	0.6444	0.5872
15	635350.0	5733155.0	1320.0	0.0566	0.6437	0.5871
16	635351.0	5733155.0	1320.0	0.0573	0.6442	0.5870
17	635351.0	5733159.0	1320.0	0.0573	0.6440	0.5866
18	635345.0	5733160.0	1320.0	0.0566	0.6434	0.5868
19	635353.0	5733179.0	1350.0	0.0573	0.6501	0.5929
20	635347.0	5733188.0	1350.0	0.0573	0.6493	0.5921
21	635342.0	5733185.0	1350.0	0.0573	0.6500	0.5927
22	635347.0	5733180.0	1350.0	0.0573	0.6496	0.5923
23	635353.0	5733182.0	1350.0	0.0573	0.6499	0.5926
24	635351.0	5733207.0	1380.0	0.0573	0.6551	0.5979
25	635349.0	5733209.0	1380.0	0.0572	0.6551	0.5978
26	635344.0	5733211.0	1380.0	0.0565	0.6543	0.5978
27	635340.0	5733210.0	1380.0	0.0574	0.6554	0.5980
28	635342.0	5733207.0	1380.0	0.0573	0.6551	0.5978
29	635345.0	5733229.0	1410.0	0.0565	0.6602	0.6037
30	635343.0	5733230.5	1410.0	0.0574	0.6604	0.6030
31	635344.0	5733237.0	1410.0	0.0573	0.6606	0.6033
32	635346.0	5733235.0	1410.0	0.0574	0.6606	0.6032
33	635348.0	5733232.0	1410.0	0.0575	0.6608	0.6033
34	635341.0	5733258.5	1440.0	0.0572	0.6650	0.6078
35	635342.0	5733263.0	1440.0	0.0566	0.6648	0.6082
36	635342.0	5733263.0	1440.0	0.0574	0.6654	0.6080
37	635346.0	5733256.5	1440.0	0.0573	0.6652	0.6079
38	635344.0	5733258.0	1440.0	0.0573	0.6650	0.6077
39	635341.0	5733291.0	1470.0	0.0572	0.6707	0.6134
40	635339.0	5733289.0	1470.0	0.0565	0.6699	0.6134
41	635341.0	5733286.0	1470.0	0.0573	0.6702	0.6129
42	635343.0	5733283.5	1470.0	0.0565	0.6697	0.6133
43	635344.0	5733287.0	1470.0	0.0573	0.6702	0.6129
44	635338.0	5733312.0	1500.0	0.0565	0.6756	0.6192
45	635339.0	5733315.0	1500.0	0.0573	0.6756	0.6183
46	635342.0	5733314.0	1500.0	0.0572	0.6757	0.6184

47	635340.0	5733311.0	1500.0	0.0565	0.6751	0.6185
48	635342.0	5733311.0	1500.0	0.0574	0.6760	0.6186
49	635336.0	5733339.0	1530.0	0.0563	0.6802	0.6239
50	635335.0	5733341.0	1530.0	0.0565	0.6804	0.6239
51	635335.0	5733340.0	1530.0	0.0573	0.6810	0.6237
52	635338.0	5733338.0	1530.0	0.0566	0.6799	0.6233
53	635336.0	5733336.0	1530.0	0.0566	0.6803	0.6238
54	635337.0	5733364.0	1560.0	0.0565	0.6854	0.6289
55	635335.0	5733366.0	1560.0	0.0566	0.6852	0.6286
56	635337.0	5733367.0	1560.0	0.0573	0.6859	0.6286
57	0.0	0.0	1560.0	0.0565	0.6851	0.6286
58	635337.0	5733365.0	1560.0	0.0574	0.6860	0.6286
59	635330.0	5733391.0	1590.0	0.0564	0.6898	0.6334
60	635331.0	5733391.0	1590.0	0.0573	0.6907	0.6334
61	635335.0	5733392.0	1590.0	0.0574	0.6904	0.6331
62	635333.0	5733395.5	1590.0	0.0565	0.6898	0.6333
63	635336.0	5733389.0	1590.0	0.0572	0.6903	0.6330
64	635332.0	5733428.0	1620.0	0.0571	0.6957	0.6386
65	635333.0	5733422.0	1620.0	0.0565	0.6954	0.6389
66	635333.0	5733418.0	1620.0	0.0572	0.6960	0.6388
67	635331.0	5733415.0	1620.0	0.0573	0.6952	0.6378
68	635329.0	5733416.0	1620.0	0.0573	0.6953	0.6380
69	635332.0	5733433.0	1650.0	0.0572	0.7010	0.6438
70	635329.0	5733442.0	1650.0	0.0565	0.7003	0.6438
71	635328.0	5733445.5	1650.0	0.0573	0.7009	0.6436
72	635330.0	5733441.0	1650.0	0.0566	0.7005	0.6440
73	635329.0	5733438.0	1650.0	0.0566	0.7004	0.6438
74	635329.0	5733471.0	1680.0	0.0564	0.7061	0.6497
75	635323.0	5733472.5	1680.0	0.0566	0.7060	0.6494
76	635322.0	5733471.0	1680.0	0.0565	0.7065	0.6500
77	635325.0	5733466.0	1680.0	0.0565	0.7065	0.6500
78	635329.0	5733464.0	1680.0	0.0572	0.7067	0.6495
79	635323.0	5733491.0	1710.0	0.0573	0.7125	0.6553
80	635322.0	5733497.0	1710.0	0.0574	0.7122	0.6548
81	635320.0	5733500.0	1710.0	0.0573	0.7123	0.6550
82	635322.0	5733501.0	1710.0	0.0574	0.7122	0.6548
83	635326.0	5733491.0	1710.0	0.0565	0.7118	0.6553
84	635323.0	5733492.0	1710.0	0.0574	0.7120	0.6547
85	635325.0	5733522.5	1740.0	0.0564	0.7168	0.6604
86	635323.0	5733522.5	1740.0	0.0574	0.7178	0.6604
87	635320.0	5733521.0	1740.0	0.0572	0.7174	0.6602
88	635318.0	5733527.0	1740.0	0.0574	0.7177	0.6603
89	0.0	0.0	1740.0	0.0564	0.7166	0.6602
90	635322.0	5733524.0	1740.0	0.0574	0.7180	0.6607
91	635321.0	5733527.0	1740.0	0.0574	0.7178	0.6604
92	635327.0	5733557.0	1770.0	0.0564	0.7225	0.6662
93	635318.0	5733550.5	1770.0	0.0564	0.7221	0.6657
94	635316.0	5733550.0	1770.0	0.0565	0.7224	0.6659
95	635320.0	5733548.5	1770.0	0.0572	0.7230	0.6658
96	635320.0	5733549.0	1770.0	0.0573	0.7230	0.6657
97	635318.0	5733552.0	1770.0	0.0565	0.7219	0.6654
98	635314.0	5733577.0	1800.0	0.0571	0.7281	0.6710

99	635317.0	5733577.0	1800.0	0.0567	0.7281	0.6714
100	635317.0	5733572.0	1800.0	0.0572	0.7278	0.6705
101	635313.0	5733578.0	1800.0	0.0573	0.7282	0.6709
102	635315.0	5733567.0	1800.0	0.0571	0.7282	0.6711
103	635315.0	5733577.0	1800.0	0.0565	0.7273	0.6708
104	635314.0	5733575.5	1800.0	0.0565	0.7270	0.6705
105	635314.0	5733605.0	1830.0	0.0564	0.7328	0.6764
106	635313.0	5733605.0	1830.0	0.0566	0.7330	0.6764
107	635314.0	5733602.0	1830.0	0.0573	0.7333	0.6761
108	635316.0	5733596.0	1830.0	0.0572	0.7329	0.6757
109	635311.0	5733597.0	1830.0	0.0565	0.7326	0.6761
110	635310.0	5733631.0	1860.0	0.0565	0.7388	0.6822
111	635309.0	5733635.0	1860.0	0.0573	0.7390	0.6817
112	635308.0	5733624.0	1860.0	0.0564	0.7385	0.6820
113	635311.0	5733624.0	1860.0	0.0573	0.7387	0.6815
114	635314.0	5733627.0	1860.0	0.0565	0.7382	0.6816
115	635315.0	5733630.0	1860.0	0.0565	0.7379	0.6813
116	635313.0	5733627.0	1860.0	0.0574	0.7389	0.6815
117	635313.0	5733663.0	1890.0	0.0572	0.7450	0.6878
118	635315.0	5733659.0	1890.0	0.0564	0.7439	0.6874
119	635317.0	5733654.0	1890.0	0.0566	0.7439	0.6873
120	635316.0	5733650.5	1890.0	0.0565	0.7437	0.6872
121	635310.0	5733655.0	1890.0	0.0565	0.7440	0.6875
122	635315.0	5733668.0	1912.0	0.0573	0.7490	0.6916
123	635312.0	5733662.5	1912.0	0.0574	0.7489	0.6915
124	635321.0	5733664.5	1912.0	0.0565	0.7480	0.6915
125	635314.0	5733679.0	1912.0	0.0573	0.7494	0.6922
126	635309.0	5733694.0	1912.0	0.0564	0.7486	0.6922