

ATSR1 README FILE
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This README file contains important information about the (A)ATSR dataset. It has three main sections:

- (1) Summary
- (2) Guide to (A)ATSR versions
- (3) Segregated data details

This version of the file was produced on: 13/11/2014

(1) SUMMARY
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The information in this README file relates to the latest version of the (A)ATSR dataset:

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#####  
#                                     #  
# The current (A)ATSR version is : 3.0 #  
#                                     #  
#####
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- This is the fully assessed set of data from the third (A)ATSR reprocessing;
- Section (2) of this README file gives further information on previous (A)ATSR dataset versions

- With the release of data from the third (A)ATSR reprocessing, the AATSR Quality Working Group recommended that ESA implement a segregation of some AATSR products from the main archive. This was to make a clear distinction for those data known to be of non-nominal quality, without removing them from the archive completely.
- Section (3) of this README file explains why data from certain periods have been segregated and gives a list of orbits affected

If you have any queries relating to information in this README, or about any other (A)ATSR issue, then please submit your queries via the ESA Earth Observation Helpdesk: <https://earth.esa.int/web/guest/contact-us>

(2) GUIDE TO (A)ATSR VERSIONS
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Version 3.0

This is the fully assessed set of data from the third (A)ATSR reprocessing; data from the third reprocessing was initially released in 2013 as v2.1 (see below)

- Further information on this release is given in the (A)ATSR v3.0 Dataset Release Note (IDEAS+-VEG-OQC-MEM-2089), which is available from the ESA Library at: <https://earth.esa.int/web/guest/document-library/browse-document-library>

Notes on Previous (A)ATSR Versions

Version 2.1

- This was the initial release of data from the third (A)ATSR reprocessing; note there is no difference in product contents between v2.1 and v3.0, instead the differences are due to the completeness of the dataset as available from the

archives. Note: data for v2.1 were gradually released throughout 2013, and the AATSR UOL LST netCDF dataset was added in 2014.

- Information on the third (A)ATSR reprocessing was made available from the ESA User Services News: <https://earth.esa.int/web/guest/missions/user-services-news>

Version 2.0

- This was the (A)ATSR dataset from the second (A)ATSR reprocessing, released in 2008 and to which consolidated data were added up until the Envisat End of Mission in 2012.

(3) SEGREGATED DATA DETAILS

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Segregation was implemented to make a clear distinction for those data known to be of non-nominal quality, without removing them from the archive completely.

- Details of the reasons why data have been segregated are given below, followed by a list of orbits and the reasons they have been segregated (note that the orbit numbers in this list correspond to those in the filenames of the ATSR-1 products)

ATSR-1 Commissioning Phase

Following the third reprocessing the decision was taken to make available the Commissioning Phase products, albeit as segregated data because the quality of data from before both the instrument and platform were known to be stable cannot be guaranteed.

Outgassings

Periodic outgassing activities were executed, where the cooler drive amplitudes were commanded to zero to allow the IR-FPA to warm up to ambient for decontamination. As with AATSR and ATSR-2, ATSR-1 remained in MEASUREMENT mode, but, as all 4 channels were cooled, there is no useful scientific (as opposed to engineering) data in the telemetry. For this reason, all ATSR-1 products generated from data acquired during outgassings have been removed from the Archive.

Blackbody Cross-over Tests

Two blackbody cross-over tests were performed to determine any gross calibration errors of the on-board blackbodies. ATSR-1 remained in MEASUREMENT mode during these tests to allow generation of Level 0 data for analysis, but resulting higher-level products are compromised. Products from these periods are affected by poor thermal calibration. Note that for ATSR-1, the first blackbody cross-over test (09/08/1991) was during the commissioning phase and is segregated with this latter reason given. The second such test was during 1995 (31/03 to 06/04).

ERS-1 Attitude Mode

The nominal attitude control mode for ERS-1 was Yaw Steering Mode. However, there were occasionally operations when ERS-1 was in other attitude modes and ATSR-1 data were acquired. Products from these periods are affected by degraded geolocation.

SEGREGATED ORBITS
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<orbit>	<start "YYYYMMDDhhmmss">	<reason>
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00214	19910801015143	Commissioning phase
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00216	19910801051239	Commissioning phase
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00218	19910801083335	Commissioning phase
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00220	19910801115647	Commissioning phase
00221	19910801133714	Commissioning phase
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00224	19910801183838	Commissioning phase
00225	19910801201907	Commissioning phase
00226	19910801215935	Commissioning phase
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00228	19910802012030	Commissioning phase
00229	19910802030058	Commissioning phase
00230	19910802044126	Commissioning phase
00231	19910802062155	Commissioning phase
00232	19910802080223	Commissioning phase
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03734	19920402155816	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03735	19920402180605	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03736	19920402191926	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03737	19920402210002	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03738	19920402224039	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03739	19920403002115	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03740	19920403020151	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03741	19920403034227	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03742	19920403052303	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03743	19920403070339	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03744	19920403084415	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03745	19920403102452	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03746	19920403120528	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03747	19920403134604	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03748	19920403152640	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03749	19920403170716	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03750	19920403184751	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03751	19920403202828	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03752	19920403220904	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03753	19920403234941	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03754	19920404013017	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03755	19920404031053	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03756	19920404045129	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03757	19920404063204	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03758	19920404081240	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03759	19920404095316	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03760	19920404113352	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03761	19920404131428	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03762	19920404145505	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03763	19920404163541	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03764	19920404181617	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03765	19920404195653	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03766	19920404213728	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03771	19920405062051	Roll-Tilt Phase, ERS-1 out of yaw-steering mode

03772	19920405074105	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03775	19920405131655	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03776	19920405142328	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03777	19920405160404	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03781	19920405231021	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03782	19920406002705	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03783	19920406020741	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03784	19920406034816	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03785	19920406052852	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03786	19920406070928	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03787	19920406085004	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03788	19920406103040	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03789	19920406121117	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03790	19920406135153	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03791	19920406153229	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03792	19920406171305	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03793	19920406185340	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03794	19920406203416	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03795	19920406221452	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03796	19920406235528	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03797	19920407013604	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03798	19920407031641	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03799	19920407045717	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03800	19920407063753	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03801	19920407081829	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03802	19920407095904	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03803	19920407113940	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03804	19920407132016	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03805	19920407150052	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03856	19920411043128	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03857	19920411061204	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03858	19920411075239	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03859	19920411093315	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03860	19920411111351	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03861	19920411125427	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03862	19920411143502	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03863	19920411161538	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03864	19920411175616	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03865	19920411193652	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03866	19920411211728	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03867	19920411225803	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03868	19920412003838	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03869	19920412021914	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03870	19920412035950	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03871	19920412054026	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03872	19920412072102	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03873	19920412090139	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03874	19920412104215	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03875	19920412122251	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03876	19920412140327	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03877	19920412154402	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03878	19920412172438	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03879	19920412190514	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03880	19920412204550	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03881	19920412222626	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03882	19920413000703	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03883	19920413014739	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03884	19920413032815	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03885	19920413050851	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03886	19920413064926	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03887	19920413083002	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03888	19920413101038	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode
03889	19920413115114	Roll-Tilt Phase,	ERS-1	out of yaw-steering mode

03890	19920413133150	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03891	19920413151227	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
03892	19920413165303	Roll-Tilt Phase, ERS-1 out of yaw-steering mode
04512	19920527002423	Investigations wrt 3.7um channel failure
04513	19920527021213	Investigations wrt 3.7um channel failure
04514	19920527040405	Investigations wrt 3.7um channel failure
04515	19920527052612	Investigations wrt 3.7um channel failure
04516	19920527070648	Investigations wrt 3.7um channel failure
04517	19920527084724	Investigations wrt 3.7um channel failure
04518	19920527102759	Investigations wrt 3.7um channel failure
04519	19920527120835	Investigations wrt 3.7um channel failure
04520	19920527134911	Investigations wrt 3.7um channel failure
04521	19920527152947	Investigations wrt 3.7um channel failure
04522	19920527171024	Investigations wrt 3.7um channel failure
04523	19920527185100	Investigations wrt 3.7um channel failure
04524	19920527203136	Investigations wrt 3.7um channel failure
04525	19920527221212	Investigations wrt 3.7um channel failure
04526	19920527235248	Investigations wrt 3.7um channel failure
04528	19920528033306	Investigations wrt 3.7um channel failure
04529	19920528045435	Investigations wrt 3.7um channel failure
04530	19920528063511	Investigations wrt 3.7um channel failure
04531	19920528081548	Investigations wrt 3.7um channel failure
04532	19920528095624	Investigations wrt 3.7um channel failure
04533	19920528113659	Investigations wrt 3.7um channel failure
04534	19920528131735	Investigations wrt 3.7um channel failure
04535	19920528145811	Investigations wrt 3.7um channel failure
04536	19920528163847	Investigations wrt 3.7um channel failure
04537	19920528181922	Investigations wrt 3.7um channel failure
04538	19920528195958	Investigations wrt 3.7um channel failure
04539	19920528220515	Investigations wrt 3.7um channel failure
04540	19920528232110	Investigations wrt 3.7um channel failure
04541	19920529010147	Investigations wrt 3.7um channel failure
04542	19920529024223	Investigations wrt 3.7um channel failure
04543	19920529042259	Investigations wrt 3.7um channel failure
04544	19920529060335	Investigations wrt 3.7um channel failure
04545	19920529074411	Investigations wrt 3.7um channel failure
04546	19920529092446	Investigations wrt 3.7um channel failure
04547	19920529110522	Investigations wrt 3.7um channel failure
04548	19920529124558	Investigations wrt 3.7um channel failure
04549	19920529142634	Investigations wrt 3.7um channel failure
04550	19920529160711	Investigations wrt 3.7um channel failure
04551	19920529174747	Investigations wrt 3.7um channel failure
04552	19920529192823	Investigations wrt 3.7um channel failure
04553	19920529210859	Investigations wrt 3.7um channel failure
04554	19920529224935	Investigations wrt 3.7um channel failure
04555	19920530003010	Investigations wrt 3.7um channel failure
04556	19920530021045	Investigations wrt 3.7um channel failure
04557	19920530035121	Investigations wrt 3.7um channel failure
04558	19920530053157	Investigations wrt 3.7um channel failure
04559	19920530071233	Investigations wrt 3.7um channel failure
04560	19920530085309	Investigations wrt 3.7um channel failure
04561	19920530103346	Investigations wrt 3.7um channel failure
04562	19920530121422	Investigations wrt 3.7um channel failure
04563	19920530135458	Investigations wrt 3.7um channel failure
04564	19920530153534	Investigations wrt 3.7um channel failure
04565	19920530171609	Investigations wrt 3.7um channel failure
04566	19920530185645	Investigations wrt 3.7um channel failure
04567	19920530203721	Investigations wrt 3.7um channel failure
04568	19920530221757	Investigations wrt 3.7um channel failure
04569	19920530235833	Investigations wrt 3.7um channel failure
04570	19920531013910	Investigations wrt 3.7um channel failure
04571	19920531031946	Investigations wrt 3.7um channel failure

04572	19920531050022	Investigations	wrt	3.7um	channel	failure
04573	19920531064058	Investigations	wrt	3.7um	channel	failure
04574	19920531082133	Investigations	wrt	3.7um	channel	failure
04575	19920531100209	Investigations	wrt	3.7um	channel	failure
04576	19920531114245	Investigations	wrt	3.7um	channel	failure
04577	19920531132321	Investigations	wrt	3.7um	channel	failure
04578	19920531150357	Investigations	wrt	3.7um	channel	failure
04579	19920531164434	Investigations	wrt	3.7um	channel	failure
04580	19920531182510	Investigations	wrt	3.7um	channel	failure
04581	19920531200546	Investigations	wrt	3.7um	channel	failure
04582	19920531214622	Investigations	wrt	3.7um	channel	failure
04583	19920531232657	Investigations	wrt	3.7um	channel	failure
04584	19920601010733	Investigations	wrt	3.7um	channel	failure
04585	19920601024808	Investigations	wrt	3.7um	channel	failure
04586	19920601042844	Investigations	wrt	3.7um	channel	failure
04587	19920601060920	Investigations	wrt	3.7um	channel	failure
04588	19920601074956	Investigations	wrt	3.7um	channel	failure
04589	19920601093033	Investigations	wrt	3.7um	channel	failure
04590	19920601111109	Investigations	wrt	3.7um	channel	failure
04591	19920601132529	Investigations	wrt	3.7um	channel	failure
04592	19920601143221	Investigations	wrt	3.7um	channel	failure
04593	19920601161257	Investigations	wrt	3.7um	channel	failure
04594	19920601175332	Investigations	wrt	3.7um	channel	failure
04595	19920601193408	Investigations	wrt	3.7um	channel	failure
04596	19920601211444	Investigations	wrt	3.7um	channel	failure
04597	19920601225520	Investigations	wrt	3.7um	channel	failure
04598	19920602003557	Investigations	wrt	3.7um	channel	failure
04599	19920602021633	Investigations	wrt	3.7um	channel	failure
04600	19920602035709	Investigations	wrt	3.7um	channel	failure
04601	19920602053745	Investigations	wrt	3.7um	channel	failure
04602	19920602071821	Investigations	wrt	3.7um	channel	failure
04603	19920602085856	Investigations	wrt	3.7um	channel	failure
04604	19920602103931	Investigations	wrt	3.7um	channel	failure
04605	19920602125444	Investigations	wrt	3.7um	channel	failure
04606	19920602140043	Investigations	wrt	3.7um	channel	failure
04607	19920602154119	Investigations	wrt	3.7um	channel	failure
04608	19920602172155	Investigations	wrt	3.7um	channel	failure
04609	19920602190232	Investigations	wrt	3.7um	channel	failure
04610	19920602204308	Investigations	wrt	3.7um	channel	failure
04611	19920602222344	Investigations	wrt	3.7um	channel	failure
04612	19920603000420	Investigations	wrt	3.7um	channel	failure
04613	19920603020454	Investigations	wrt	3.7um	channel	failure
04614	19920603032531	Investigations	wrt	3.7um	channel	failure
04615	19920603050607	Investigations	wrt	3.7um	channel	failure
04616	19920603064643	Investigations	wrt	3.7um	channel	failure
04618	19920603100756	Investigations	wrt	3.7um	channel	failure
04619	19920603114832	Investigations	wrt	3.7um	channel	failure
04620	19920603132908	Investigations	wrt	3.7um	channel	failure
04621	19920603150944	Investigations	wrt	3.7um	channel	failure
04622	19920603165019	Investigations	wrt	3.7um	channel	failure
04623	19920603183055	Investigations	wrt	3.7um	channel	failure
04624	19920603201131	Investigations	wrt	3.7um	channel	failure
04625	19920603215207	Investigations	wrt	3.7um	channel	failure
04626	19920603233242	Investigations	wrt	3.7um	channel	failure
04627	19920604011318	Investigations	wrt	3.7um	channel	failure
04628	19920604025355	Investigations	wrt	3.7um	channel	failure
04629	19920604043431	Investigations	wrt	3.7um	channel	failure
04630	19920604061507	Investigations	wrt	3.7um	channel	failure
04631	19920604075543	Investigations	wrt	3.7um	channel	failure
04632	19920604093619	Investigations	wrt	3.7um	channel	failure
04633	19920604111654	Investigations	wrt	3.7um	channel	failure
04634	19920604125730	Investigations	wrt	3.7um	channel	failure
04635	19920604143806	Investigations	wrt	3.7um	channel	failure

04636	19920604161842	Investigations	wrt	3.7um	channel	failure
04637	19920604175919	Investigations	wrt	3.7um	channel	failure
04638	19920604193955	Investigations	wrt	3.7um	channel	failure
04639	19920604212031	Investigations	wrt	3.7um	channel	failure
04640	19920604230107	Investigations	wrt	3.7um	channel	failure
04641	19920605004143	Investigations	wrt	3.7um	channel	failure
04642	19920605022218	Investigations	wrt	3.7um	channel	failure
04643	19920605040254	Investigations	wrt	3.7um	channel	failure
04644	19920605054330	Investigations	wrt	3.7um	channel	failure
04645	19920605072406	Investigations	wrt	3.7um	channel	failure
04646	19920605094237	Investigations	wrt	3.7um	channel	failure
04647	19920605104517	Investigations	wrt	3.7um	channel	failure
04648	19920605122554	Investigations	wrt	3.7um	channel	failure
04649	19920605140630	Investigations	wrt	3.7um	channel	failure
04650	19920605154706	Investigations	wrt	3.7um	channel	failure
04651	19920605172742	Investigations	wrt	3.7um	channel	failure
04652	19920605190817	Investigations	wrt	3.7um	channel	failure
04653	19920605204853	Investigations	wrt	3.7um	channel	failure
04654	19920605222929	Investigations	wrt	3.7um	channel	failure
04655	19920606001005	Investigations	wrt	3.7um	channel	failure
04656	19920606015041	Investigations	wrt	3.7um	channel	failure
04657	19920606033118	Investigations	wrt	3.7um	channel	failure
04658	19920606053307	Investigations	wrt	3.7um	channel	failure
04659	19920606065230	Investigations	wrt	3.7um	channel	failure
04660	19920606083306	Investigations	wrt	3.7um	channel	failure
04661	19920606101341	Investigations	wrt	3.7um	channel	failure
04662	19920606115417	Investigations	wrt	3.7um	channel	failure
04663	19920606133452	Investigations	wrt	3.7um	channel	failure
04664	19920606151528	Investigations	wrt	3.7um	channel	failure
04665	19920606165604	Investigations	wrt	3.7um	channel	failure
04666	19920606183640	Investigations	wrt	3.7um	channel	failure
04667	19920606201717	Investigations	wrt	3.7um	channel	failure
04668	19920606215753	Investigations	wrt	3.7um	channel	failure
04669	19920606233829	Investigations	wrt	3.7um	channel	failure
04670	19920607011905	Investigations	wrt	3.7um	channel	failure
04671	19920607025940	Investigations	wrt	3.7um	channel	failure
04672	19920607044016	Investigations	wrt	3.7um	channel	failure
04673	19920607062052	Investigations	wrt	3.7um	channel	failure
04674	19920607080128	Investigations	wrt	3.7um	channel	failure
04675	19920607094204	Investigations	wrt	3.7um	channel	failure
04676	19920607112241	Investigations	wrt	3.7um	channel	failure
04677	19920607130317	Investigations	wrt	3.7um	channel	failure
04678	19920607144353	Investigations	wrt	3.7um	channel	failure
04679	19920607162429	Investigations	wrt	3.7um	channel	failure
04680	19920607180504	Investigations	wrt	3.7um	channel	failure
04681	19920607194540	Investigations	wrt	3.7um	channel	failure
04682	19920607212616	Investigations	wrt	3.7um	channel	failure
04683	19920607230652	Investigations	wrt	3.7um	channel	failure
04684	19920608010718	Investigations	wrt	3.7um	channel	failure
04685	19920608022803	Investigations	wrt	3.7um	channel	failure
04686	19920608040840	Investigations	wrt	3.7um	channel	failure
04687	19920608054916	Investigations	wrt	3.7um	channel	failure
04688	19920608072952	Investigations	wrt	3.7um	channel	failure
04689	19920608091028	Investigations	wrt	3.7um	channel	failure
04690	19920608105104	Investigations	wrt	3.7um	channel	failure
04691	19920608123139	Investigations	wrt	3.7um	channel	failure
04692	19920608144340	Investigations	wrt	3.7um	channel	failure
04693	19920608155251	Investigations	wrt	3.7um	channel	failure
04694	19920608173327	Investigations	wrt	3.7um	channel	failure
04695	19920608191404	Investigations	wrt	3.7um	channel	failure
04696	19920608205440	Investigations	wrt	3.7um	channel	failure
04697	19920608223516	Investigations	wrt	3.7um	channel	failure
04698	19920609001552	Investigations	wrt	3.7um	channel	failure

04699	19920609015628	Investigations wrt 3.7um channel failure
04700	19920609033703	Investigations wrt 3.7um channel failure
04701	19920609051738	Investigations wrt 3.7um channel failure
04702	19920609065814	Investigations wrt 3.7um channel failure
04703	19920609083850	Investigations wrt 3.7um channel failure
04704	19920609101926	Investigations wrt 3.7um channel failure
04705	19920609120002	Investigations wrt 3.7um channel failure
04706	19920609134039	Investigations wrt 3.7um channel failure
04707	19920609152115	Investigations wrt 3.7um channel failure
04708	19920609170151	Investigations wrt 3.7um channel failure
04709	19920609184227	Investigations wrt 3.7um channel failure
04710	19920609202302	Investigations wrt 3.7um channel failure
04711	19920609220338	Investigations wrt 3.7um channel failure
04712	19920609234414	Investigations wrt 3.7um channel failure
04713	19920610014554	Investigations wrt 3.7um channel failure
04714	19920610030526	Investigations wrt 3.7um channel failure
04715	19920610044603	Investigations wrt 3.7um channel failure
04716	19920610062639	Investigations wrt 3.7um channel failure
04717	19920610080715	Investigations wrt 3.7um channel failure
04718	19920610094751	Investigations wrt 3.7um channel failure
04719	19920610112826	Investigations wrt 3.7um channel failure
04720	19920610130902	Investigations wrt 3.7um channel failure
04721	19920610144937	Investigations wrt 3.7um channel failure
04802	19920616063808	Investigations wrt 3.7um channel failure
04803	19920616081844	Investigations wrt 3.7um channel failure
04804	19920616095921	Investigations wrt 3.7um channel failure
04805	19920616113955	Investigations wrt 3.7um channel failure
04806	19920616132032	Investigations wrt 3.7um channel failure
04807	19920616150108	Investigations wrt 3.7um channel failure
04808	19920616164144	Investigations wrt 3.7um channel failure
04809	19920616182220	Investigations wrt 3.7um channel failure
04810	19920616202838	Investigations wrt 3.7um channel failure
04811	19920616214331	Investigations wrt 3.7um channel failure
04812	19920616232407	Investigations wrt 3.7um channel failure
07425	19921216122839	ERS-1 out of yaw-steering mode
07426	19921216140915	ERS-1 out of yaw-steering mode
07427	19921216154950	ERS-1 out of yaw-steering mode
07428	19921216173026	ERS-1 out of yaw-steering mode
19219	19950319101154	ERS-1 out of yaw-steering mode
19220	19950319115215	ERS-1 out of yaw-steering mode
19221	19950319133234	ERS-1 out of yaw-steering mode
19222	19950319151255	ERS-1 out of yaw-steering mode
19245	19950321054047	ERS-1 out of yaw-steering mode
19246	19950321072116	ERS-1 out of yaw-steering mode
19247	19950321090147	ERS-1 out of yaw-steering mode
19248	19950321104223	ERS-1 out of yaw-steering mode
19249	19950321122258	ERS-1 out of yaw-steering mode
19389	19950331070649	Blackbody cross-over test
19390	19950331084725	Blackbody cross-over test
19391	19950331102801	Blackbody cross-over test
19392	19950331120838	Blackbody cross-over test
19393	19950331134914	Blackbody cross-over test
19394	19950331152949	Blackbody cross-over test
19395	19950331171026	Blackbody cross-over test
19396	19950331185102	Blackbody cross-over test
19397	19950331203137	Blackbody cross-over test
19398	19950331221212	Blackbody cross-over test
19399	19950331235248	Blackbody cross-over test
19400	19950401013324	Blackbody cross-over test

19401	19950401031400	Blackbody cross-over test
19402	19950401045436	Blackbody cross-over test
19403	19950401063513	Blackbody cross-over test
19404	19950401081549	Blackbody cross-over test
19405	19950401095625	Blackbody cross-over test
19406	19950401113701	Blackbody cross-over test
19407	19950401131736	Blackbody cross-over test
19408	19950401145812	Blackbody cross-over test
19409	19950401163848	Blackbody cross-over test
19410	19950401181924	Blackbody cross-over test
19411	19950401200000	Blackbody cross-over test
19412	19950401214037	Blackbody cross-over test
19413	19950401232113	Blackbody cross-over test
19414	19950402010149	Blackbody cross-over test
19415	19950402024224	Blackbody cross-over test
19416	19950402042300	Blackbody cross-over test
19417	19950402060336	Blackbody cross-over test
19418	19950402074411	Blackbody cross-over test
19419	19950402092447	Blackbody cross-over test
19420	19950402110523	Blackbody cross-over test
19421	19950402124559	Blackbody cross-over test
19422	19950402142636	Blackbody cross-over test
19423	19950402160712	Blackbody cross-over test
19424	19950402174748	Blackbody cross-over test
19425	19950402192824	Blackbody cross-over test
19426	19950402210900	Blackbody cross-over test
19427	19950402224935	Blackbody cross-over test
19428	19950403003011	Blackbody cross-over test
19429	19950403021047	Blackbody cross-over test
19430	19950403035123	Blackbody cross-over test
19431	19950403053200	Blackbody cross-over test
19432	19950403071236	Blackbody cross-over test
19433	19950403085312	Blackbody cross-over test
19434	19950403103348	Blackbody cross-over test
19435	19950403121423	Blackbody cross-over test
19436	19950403135459	Blackbody cross-over test
19437	19950403153534	Blackbody cross-over test
19438	19950403171610	Blackbody cross-over test
19439	19950403185646	Blackbody cross-over test
19440	19950403203722	Blackbody cross-over test
19441	19950403221759	Blackbody cross-over test
19442	19950403235835	Blackbody cross-over test
19443	19950404013911	Blackbody cross-over test
19444	19950404031947	Blackbody cross-over test
19445	19950404050023	Blackbody cross-over test
19446	19950404064058	Blackbody cross-over test
19447	19950404082134	Blackbody cross-over test
19448	19950404100210	Blackbody cross-over test
19449	19950404114246	Blackbody cross-over test
19450	19950404132323	Blackbody cross-over test
19451	19950404150359	Blackbody cross-over test
19452	19950404164435	Blackbody cross-over test
19453	19950404182511	Blackbody cross-over test
19454	19950404200547	Blackbody cross-over test
19455	19950404214622	Blackbody cross-over test
19456	19950404232657	Blackbody cross-over test
19457	19950405010733	Blackbody cross-over test
19458	19950405024809	Blackbody cross-over test
19459	19950405042845	Blackbody cross-over test
19460	19950405060921	Blackbody cross-over test
19461	19950405074958	Blackbody cross-over test
19462	19950405093034	Blackbody cross-over test
19463	19950405111110	Blackbody cross-over test

19464	19950405125146	Blackbody cross-over test
19465	19950405143221	Blackbody cross-over test
19466	19950405161257	Blackbody cross-over test
19467	19950405175333	Blackbody cross-over test
19468	19950405193409	Blackbody cross-over test
19469	19950405211445	Blackbody cross-over test
19470	19950405225522	Blackbody cross-over test
19471	19950406003558	Blackbody cross-over test
19472	19950406021634	Blackbody cross-over test
19473	19950406035709	Blackbody cross-over test
19474	19950406053745	Blackbody cross-over test
19475	19950406071821	Blackbody cross-over test
19476	19950406085856	Blackbody cross-over test
19477	19950406103932	Blackbody cross-over test
19478	19950406122008	Blackbody cross-over test
19479	19950406140044	Blackbody cross-over test
19480	19950406154121	Blackbody cross-over test
19481	19950406172157	Blackbody cross-over test
19482	19950406190233	Blackbody cross-over test
19483	19950406204309	Blackbody cross-over test