



# DeDop

Fully Adaptable and Configurable  
Altimeter Delay Doppler Processor

Database for Task 2 and Test Data Set  
– TDS –

Sentinel 3 For Science – SAR Altimetry Studies – SEOM Study 1. SARAE

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## Individual partners' references

Subject	DeDop Database for Task 2 and Test Data Set	Project	SARAE (DeDop)
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# 1 Introduction

## 1.1 Purpose

This document provides information on the Database for Task 2 and Test Data Set, together forming deliverables D2.8 and D2.9.

## 1.2 Reference documents

- [R1] SRAL/MWR Level 1 & 2 Instrument Products, S3IPF.PDS.003
- [R2] CryoSat Products Specification Format, CS-RS-ACS-GS-5106
- [R3] DeDop Test Data Set Manual. December 2016
- [R4] DeDop Requirements Baseline, DeDop\_ESA\_RB\_06, July 2016

# 2 Description

## 2.1 Overview

The Database for Task 2 (D2.8) comprises the input data from which the Test Data Sets to be used in the DeDop Case Studies will be generated (D2.9).

Note that the principle of DeDop is to support limited Case Studies to test and demonstrate the capabilities of the DeDop processor and tool, not to carry out large scale scientific studies. The size of the database and test data set reflect this objective.

The DeDop processor is designed to ingest data in Sentinel-3 L1A format ([R1]) for processing. Due to the DeDop project requiring input data before the scheduled availability of L1A data from Sentinel-3, test data has been created by reconditioning CryoSat FBR data (see [R2] for format) into the format used for S3 L1A. The contents format of the Test Data Set is described in the DeDop Test Data Set Manual [R3].

## 2.2 Task 2 DataBase and Test Data Set Coverage

The general objectives of the case studies was reported in the Requirements Baseline [R4]. Specific coverage requirements for the Case Study Test Data Sets was specified by the partners carrying out the case studies the coverage provided by the Test Data Set is summarised in Table 1 below:



**Table 1: Test Data Set Coverage for DeDop Case Studies**

WP	Case Study	Location	Time	Comments
6100	Iceberg Detection	Southern Ocean	03/12/2012, 03/03/2013, 10/07/2015	IFREMER has identified specific passes
6200	Wind / Wave Modelling	Pacific Ocean	January 2013	
6300	Sea Ice	Arctic Ocean		UCL has identified specific passes
6400	Inland Water	Amazon Basin (5°S - 3°N, 53°W -60°W)	15/02/15- 08/05/15	
6500	Transponder	Svalbard / Crete Transponders		isardSAT has identified specific passes
6600	Attitude Estimation	Pacific Ocean	January 2013	
6700	ACDC	Pacific Ocean	January 2013	
6800	Polar Ocean Eddies	Arctic Ocean Between Norway and Svalbard	20/06/2011 – 20/07/2011	
6900	3d Stack Modelling	Pacific Ocean	January 2013	

## 2.3 Task 2 DataBase

The task 2 database comprises Cryosat-2 SAR mode FBR Baseline C data, for the regions and periods listed in Table 1. A file listing is given in Annex A

## 2.4 Test Data Set

The DeDop test Data Set comprises Cryosat-2 SAR mode FBR Baseline C data processed into Sentinel-3 SRAL L1A format by UCL, as described in [R3], for the regions and periods listed in Table 1. A file listing is given in Annex B.



## Annex A Task2 DataBase File Listing

./inputs/Amazon/fbr:

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fbr I1b

./inputs/Icebergs/fbr:

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./inputs/Pacific\_Patch:

fbr I1b

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CS\_LTA\_\_SIR1SAR\_FR\_20110720T190349\_20110720T191315\_C001.TGZ

./inputs/Svalbard/l1b:

CS\_LTA\_\_SIR\_SAR\_1B\_20110620T062841\_20110620T062925\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110620T062841\_20110620T062925\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110620T063013\_20110620T063409\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110620T063013\_20110620T063409\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110620T193935\_20110620T194916\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110620T193935\_20110620T194916\_C001.HDR



CS\_LTA\_\_SIR\_SAR\_1B\_20110620T195019\_20110620T195039\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110620T195019\_20110620T195039\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110621T071802\_20110621T072638\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110621T071802\_20110621T072638\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110621T202850\_20110621T203826\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110621T202850\_20110621T203826\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110622T062615\_20110622T062652\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110622T062615\_20110622T062652\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110622T062745\_20110622T063142\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110622T062745\_20110622T063142\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110622T193709\_20110622T194651\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110622T193709\_20110622T194651\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110622T194758\_20110622T194808\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110622T194758\_20110622T194808\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110623T071532\_20110623T072416\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110623T071532\_20110623T072416\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110623T202623\_20110623T203604\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110623T202623\_20110623T203604\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110624T062350\_20110624T062432\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110624T062350\_20110624T062432\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110624T062455\_20110624T062916\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110624T062455\_20110624T062916\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110624T193442\_20110624T194426\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110624T193442\_20110624T194426\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110624T194519\_20110624T194531\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110624T194519\_20110624T194531\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110625T071303\_20110625T072155\_C001.DBL  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110625T202356\_20110625T203343\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110625T202356\_20110625T203343\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110626T062127\_20110626T062149\_C001.DBL  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110626T062250\_20110626T062649\_C001.DBL  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110626T193216\_20110626T194201\_C001.HDR  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110626T194245\_20110626T194254\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110627T071033\_20110627T071933\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110627T071033\_20110627T071933\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110627T202128\_20110627T203122\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110627T202128\_20110627T203122\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110628T061904\_20110628T061929\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110628T061904\_20110628T061929\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110628T062023\_20110628T062423\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110628T062023\_20110628T062423\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110628T192946\_20110628T193935\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110628T192946\_20110628T193935\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110628T194011\_20110628T194018\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110628T194011\_20110628T194018\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110629T070803\_20110629T071712\_C001.DBL



CS\_LTA\_\_SIR\_SAR\_1B\_20110629T070803\_20110629T071712\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110629T201901\_20110629T202901\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110629T201901\_20110629T202901\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110630T061640\_20110630T061709\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110630T061640\_20110630T061709\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110630T061756\_20110630T062156\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110630T061756\_20110630T062156\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110701T070533\_20110701T071451\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110701T070533\_20110701T071451\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110701T201632\_20110701T202641\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110701T201632\_20110701T202641\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110702T061416\_20110702T061458\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110702T061416\_20110702T061458\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110702T061527\_20110702T061929\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110702T061527\_20110702T061929\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110702T192552\_20110702T193444\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110702T192552\_20110702T193444\_C001.HDR  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110703T070303\_20110703T071230\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110703T201404\_20110703T202421\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110703T201404\_20110703T202421\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110704T061258\_20110704T061702\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110704T061258\_20110704T061702\_C001.HDR  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110704T192322\_20110704T193218\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110705T052223\_20110705T052612\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110705T052223\_20110705T052612\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110705T201137\_20110705T202141\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110705T201137\_20110705T202141\_C001.HDR  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110706T061021\_20110706T061435\_C001.HDR  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110707T051956\_20110707T052345\_C001.HDR  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110707T183946\_20110707T184000\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110707T200908\_20110707T201920\_C001.DBL  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110708T191832\_20110708T192727\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110708T192732\_20110708T192740\_C001.DBL  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110709T183714\_20110709T183733\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110710T060525\_20110710T060942\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110710T060525\_20110710T060942\_C001.HDR



CS\_LTA\_\_SIR\_SAR\_1B\_20110710T191607\_20110710T192515\_C001.DBL  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110711T051500\_20110711T051851\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110711T183440\_20110711T183506\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110711T183440\_20110711T183506\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110712T060255\_20110712T061103\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110712T060255\_20110712T061103\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110712T191340\_20110712T192250\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110712T191340\_20110712T192250\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110713T051232\_20110713T051624\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110713T051232\_20110713T051624\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110713T183226\_20110713T183239\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110713T183226\_20110713T183239\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110714T060027\_20110714T060841\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110714T060027\_20110714T060841\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110714T191113\_20110714T192026\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110714T191113\_20110714T192026\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110715T050900\_20110715T050923\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110715T050900\_20110715T050923\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110715T051004\_20110715T051358\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110715T051004\_20110715T051358\_C001.HDR  
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CS\_LTA\_\_SIR\_SAR\_1B\_20110716T055758\_20110716T060618\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110716T190845\_20110716T191803\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110716T190845\_20110716T191803\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110717T050633\_20110717T050651\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110717T050633\_20110717T050651\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110717T050737\_20110717T051131\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110717T050737\_20110717T051131\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110717T181735\_20110717T182637\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110717T181735\_20110717T182637\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110717T182744\_20110717T182746\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110717T182744\_20110717T182746\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110718T055528\_20110718T060355\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110718T055528\_20110718T060355\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110718T190617\_20110718T191538\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110718T190617\_20110718T191538\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110719T050406\_20110719T050419\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110719T050406\_20110719T050419\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110719T050508\_20110719T050903\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110719T050508\_20110719T050903\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110719T181510\_20110719T182410\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110719T181510\_20110719T182410\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110720T055259\_20110720T060133\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110720T055259\_20110720T060133\_C001.HDR  
CS\_LTA\_\_SIR\_SAR\_1B\_20110720T190349\_20110720T191315\_C001.DBL  
CS\_LTA\_\_SIR\_SAR\_1B\_20110720T190349\_20110720T191315\_C001.HDR



## Annex B Test Data Set File Listing

./Amazon:

CS\_LTA\_\_SIR1SAR\_FR\_20140215T115853\_20140215T120106\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140217T115627\_20140217T115839\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140218T233016\_20140218T233229\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140220T232749\_20140220T233002\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140222T232523\_20140222T232736\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140224T232255\_20140224T232508\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140226T232029\_20140226T232241\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140228T231802\_20140228T232015\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140302T231536\_20140302T231748\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140306T104604\_20140306T104818\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140308T104338\_20140308T104552\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140310T104112\_20140310T104325\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140312T103846\_20140312T104058\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140314T103619\_20140314T103832\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140316T103353\_20140316T103605\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140318T103127\_20140318T103339\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140319T220513\_20140319T220727\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140321T220247\_20140321T220500\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140323T220020\_20140323T220233\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140329T215301\_20140329T215514\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140402T092329\_20140402T092543\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140404T092103\_20140404T092316\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140406T091836\_20140406T092050\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140408T091610\_20140408T091823\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140410T091343\_20140410T091556\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140412T091117\_20140412T091329\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140414T090850\_20140414T091103\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140415T204242\_20140415T204456\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140417T204015\_20140417T204229\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140419T203749\_20140419T204002\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140421T203523\_20140421T203737\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140423T203257\_20140423T203510\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140425T203030\_20140425T203243\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140427T202804\_20140427T203016\_C001.DBL.nc  
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CS\_LTA\_\_SIR1SAR\_FR\_20140503T075601\_20140503T075814\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140505T075334\_20140505T075548\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140507T075108\_20140507T075321\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140509T074842\_20140509T075055\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140511T074616\_20140511T074828\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140513T074349\_20140513T074602\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140514T191742\_20140514T191956\_C001.DBL.nc



CS\_LTA\_\_SIR1SAR\_FR\_20140516T191516\_20140516T191729\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140518T191250\_20140518T191503\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140520T191022\_20140520T191235\_C001.DBL.nc  
CS\_LTA\_\_SIR1SAR\_FR\_20140522T190756\_20140522T190914\_C001.DBL.nc  
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