


# Amalfi Quality Control

## Report

### 1. Report Summary

#	Item	Date	Duration	Status
1	S1A_IW_GRDH_1SDV_20150222 ... 	2015-02-22T19:28:42	2.285 s	Passed

Table 1. Inspected item(s) summary

 S1A\_IW\_GRDH\_1SDV\_20150222T170750\_20150222T170815\_004739\_005DD8\_3768.SAFE

### 2. Item S1A\_IW\_GRDH\_1SDV\_20150222T170750\_2015022 ...

#### 2.1. Overview

Name	S1A_IW_GRDH_1SDV_20150222T170750_20150222T170815_004739_005DD8_3768.
URL	/data_PWA/pm-s1-3.3.5/cache/WD_amalfi-server-IW_GRDH_1S-473581180/ S1A_IW_GRDH_1SDV_20150222T170750_20150222T170815_004739_005DD8_3768.S.
Class	SENTINEL-1 Interferometric Wide Swath Level 1 Product

Table 2. S1A\_IW\_GRDH\_1SDV\_20150222T170750\_20150222T170815\_004739\_005DD8\_3768.SAFE

#### 2.2. Inspections

#	Inspection	Date	Duration	Status
1	<b>Checks if Schema Category is correctly defined.</b>  <i>Category ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema</i>	2015-02-22T19:28:41	0.038 s	Passed
2	<b>Checks if MeasurementFrameSet Classification is correctly defined.</b>  <i>Classification ok for : measurementFrameSet</i>	2015-02-22T19:28:41	0.032 s	Passed
3	<b>Checks if all external references are present in the product directory.</b>  <i>All external references are present in the product directory.</i>	2015-02-22T19:28:41	0.081 s	Passed
4	<b>Checks if Index Classification is correctly defined.</b>  <i>No Index classification in product.</i>	2015-02-22T19:28:41	0.034 s	Passed
5	<b>Checks if Processing metadata is present.</b>  <i>Processing exists.</i>	2015-02-22T19:28:41	0.01 s	Passed

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#	Inspection	Date	Duration	Status
6	<b>Checks if Orbit Reference Category is correctly defined.</b> <i>Category ok for : measurementOrbitReference</i>	2015-02-22T19:28:41	0.034 s	<b>Passed</b>
7	<b>Checks if Acquisition Period Category is correctly defined.</b> <i>Acquisition Period Category is Ok.</i>	2015-02-22T19:28:41	0.01 s	<b>Passed</b>
8	<b>Checks if Platform Category is correctly defined.</b> <i>Platform Category is Ok.</i>	2015-02-22T19:28:41	0.011 s	<b>Passed</b>
9	<b>Checks if Acquisition Period is present.</b> <i>Acquisition Period exists.</i>	2015-02-22T19:28:41	0.011 s	<b>Passed</b>
10	<b>Checks if Schema Classification is correctly defined.</b> <i>Classification ok for : s1Level1ProductSchema, s1Level1NoiseSchema, s1Level1CalibrationSchema, s1ObjectTypesSchema, s1Level1MeasurementSchema, s1Level1ProductPreviewSchema, s1Level1QuickLookSchema, s1Level1MapOverlaySchema</i>	2015-02-22T19:28:41	0.038 s	<b>Passed</b>
11	<b>Checks if Processing Classification is correctly defined.</b> <i>Processing Classification is Ok.</i>	2015-02-22T19:28:42	0.013 s	<b>Passed</b>
12	<b>Checks if Grid Reference Classification is correctly defined.</b> <i>No Index classification in product.</i>	2015-02-22T19:28:42	0.081 s	<b>Passed</b>
13	<b>Checks if all the Id References defined in the product are valid.</b> <i>All the Id References defined in the product are valid.</i>	2015-02-22T19:28:42	1.118 s	<b>Passed</b>
14	<b>Checks if Orbit Reference Classification is correctly defined.</b> <i>Classification ok for : measurementOrbitReference</i>	2015-02-22T19:28:42	0.024 s	<b>Passed</b>
15	<b>Checks if Acquisition Period Classification is correctly defined.</b> <i>Acquisition Period Classification is Ok.</i>	2015-02-22T19:28:42	0.007 s	<b>Passed</b>
16	<b>Checks if Processing Category is correctly defined.</b> <i>Processing Category is Ok.</i>	2015-02-22T19:28:42	0.008 s	<b>Passed</b>
17	<b>Checks if MeasurementFrameSet Category is correctly defined.</b> <i>Category ok for : measurementFrameSet</i>	2015-02-22T19:28:42	0.024 s	<b>Passed</b>
18	<b>Checks if Annotation Category is correctly defined.</b>	2015-02-22T19:28:42	0.024 s	<b>Passed</b>

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#	Inspection	Date	Duration	Status
	<p><i>Category ok for :</i>  <i>productsIaiwgrdvh20150222t17075020150222t170815004739005dd8002Annotation,</i>  <i>noisesIaiwgrdvh20150222t17075020150222t170815004739005dd8002Annotation,</i>  <i>calibrationsIaiwgrdvh20150222t17075020150222t170815004739005dd8002Annotation,</i>  <i>productsIaiwgrdv20150222t17075020150222t170815004739005dd8001Annotation,</i>  <i>noisesIaiwgrdv20150222t17075020150222t170815004739005dd8001Annotation,</i>  <i>calibrationsIaiwgrdv20150222t17075020150222t170815004739005dd8001Annotation,</i>  <i>mapoverlayAnnotation, productpreviewAnnotation</i></p>			
19	<p><b>Checks if Annotation Classification is correctly defined.</b></p> <p><i>Classification ok for :</i>  <i>productsIaiwgrdvh20150222t17075020150222t170815004739005dd8002Annotation,</i>  <i>noisesIaiwgrdvh20150222t17075020150222t170815004739005dd8002Annotation,</i>  <i>calibrationsIaiwgrdvh20150222t17075020150222t170815004739005dd8002Annotation,</i>  <i>productsIaiwgrdv20150222t17075020150222t170815004739005dd8001Annotation,</i>  <i>noisesIaiwgrdv20150222t17075020150222t170815004739005dd8001Annotation,</i>  <i>calibrationsIaiwgrdv20150222t17075020150222t170815004739005dd8001Annotation,</i>  <i>mapoverlayAnnotation, productpreviewAnnotation</i></p>	2015-02-22T19:28:42	0.023 s	Passed
20	<p><b>Checks if Information Category is correctly defined.</b></p> <p><i>Category ok for : generalProductInformation</i></p>	2015-02-22T19:28:42	0.025 s	Passed
21	<p><b>Checks if Grid Reference Category is correctly defined.</b></p> <p><i>No Index classification in product.</i></p>	2015-02-22T19:28:42	0.026 s	Passed
22	<p><b>Checks if Information Classification is correctly defined.</b></p> <p><i>Classification ok for : generalProductInformation</i></p>	2015-02-22T19:28:42	0.023 s	Passed
23	<p><b>Checks if Quality Information Category is correctly defined.</b></p> <p><i>No Index classification in product.</i></p>	2015-02-22T19:28:42	0.022 s	Passed
24	<p><b>Checks if Index Category is correctly defined.</b></p> <p><i>No Index classification in product.</i></p>	2015-02-22T19:28:42	0.023 s	Passed
25	<p><b>Checks if Extra Files are present in product directory.</b></p> <p><i>No Extra Files found in product directory.</i></p>	2015-02-22T19:28:42	0.038 s	Passed
26	<p><b>Checks if Quality Information Classification is correctly defined.</b></p> <p><i>No Index classification in product.</i></p>	2015-02-22T19:28:42	0.019 s	Passed
27	<p><b>Checks if Platform Classification is correctly defined.</b></p> <p><i>Platform Classification is Ok.</i></p>	2015-02-22T19:28:42	0.007 s	Passed

## Amalfi Quality Control

#	Inspection	Date	Duration	Status
28	<b>Checks missing lines number is less than 30%.</b> <i>No missing lines in the product.</i>	2015-02-22T19:28:42	0.024 s	<b>Passed</b>
29	<b>Checks pointing status value is Normal Pointing Mode.</b> <i>Platform pointing is nominal.</i>	2015-02-22T19:28:42	0.435 s	
30	<b>Checks Interferometric Wide Swath product length is no longer than 30 min.</b> <i>Interferometric Wide Swath product acquisition in 0 min is acceptable.</i>	2015-02-22T19:28:42	0.019 s	<b>Passed</b>

Table 3. All Applicable Inspections Plan (Automatic)