

# Release B CDR RID Report

Date Last Modified 6/11/96

Originator Randal Davis

Phone No (303) 492-6867

Organization U. of Colorado

E Mail Address davis@aries.colorado.edu

Document Data Modeling/HDF Session

|                |               |    |
|----------------|---------------|----|
| RID ID         | CDR           | 54 |
| Review         | Release B CDR |    |
| Originator Ref |               |    |
| Priority       |               |    |

Section

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Figure Table

Category Name Data Modeling

Actionee ECS

Sub Category

Subject HDF-EOS SWATH object doesn't fully support profiling

## Description of Problem or Suggestion:

HDF-EOS SWATH doesn't support subsetting by height (vertical) for profile data.

## Originator's Recommendation

1) Include "Altitude" as a dimension, on the same level as latitude & longitude.

- "Altitude" may have several representations:  
Altitude above spheroid, pressure Altitude,...
- The actual definition used may vary by application

2) Support subsetting by Altitude.

GSFC Response by:

GSFC Response Date

HAIS Response by: L. Klein

HAIS Schedule

HAIS R. E. L. Klein

HAIS Response Date 6/5/96

The HDF-EOS Swath API currently supports subsetting by lat/long. Functionality to support 'vertical' subsetting will be added for the next release of HDF-EOS, December, 1996.

Status **Closed**

Date Closed **6/10/96**

Sponsor **Meyer/Pfister**

\*\*\*\*\* Attachment if any \*\*\*\*\*