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processing mode. The GridFFT Wizard is designed for use with third party products through IntrepidLinks. Currently you can use the GridFFT Wizard with *ArcInfo* and *MapView*.

The GridFFT wizard produces and executes GridFFT task specification files in batch

Spectral domain grid filters (GridFFT) wizard (T39)

You can also use the GridFFT Wizard within INTREPID to produce the task files.

To run the GridFFT Wizard, Select Grid\_FFT\_Wizard from the Project Manager Filters menu or use the command jgfilt.exe

For information about the GridFFT Wizard, contact our technical support service, or run it and use the following references to guide you:

The Spectral domain grid filters tool (GridFFT)	Spectral domain grid filters tool (GridFFT) (T40)
INTREPID spectral domain operations in general	INTREPID spectral domain operations reference (R14)
Structure and use of INTREPID task files	INTREPID task specification (.job) files (R06)
Introduction to INTREPID auxiliary files, such as task files	"INTREPID Auxiliary files" in INTREPID database, file and data structures (R05)
Running INTREPID in batch processing mode	"How to start INTREPID—Overview" in Introduction to INTREPID (R02)

## **Basic Process**



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>> To use the GridFFT wizard



New filters will be added in the future.

Select the Input grid



Open			×
Look <u>i</u> n:	📑 eba	 ▼ 🛱 🛱	
MAGRAW.PD	).ers		E:\nt_data\Ebagook
📓 eba_sub_grid	PD.ers		
📓 eba_sub_grid	_0_complex.PD.ers		
📓 jh_sub-1vd.Pl	).ers		
File <u>n</u> ame:	eba_sub_grid.PD.ers		Open
Files of <u>type</u> :	Intrepid Grid	•	<u>C</u> ancel

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If the Grid is a multi-band grid, select the band.

#### Select The filter

🗾 Intrepid Grid Filter Wizard			<u>_                                    </u>
Select tune of filter:			
Vertical Derivative			•
Vertical Derivative			
Downward Continuation	n		
Upward Continuation			
Low Pass			
Rand Pass			
Beduction To Pole			
Horizontal Derivative			
	Previous	Next	Cancel

#### Parameterise the filter



### **Filter Options**

These options are filter specific.

## **Preconditioning Options**

🚺 Intrepid Grid Fil	ter Wizard	_ 🗆 ×
Filter Options	Pre Conditioning Post Conditioning	
	Degree of Trend Removal Fill Method ARTHUR -	
	Previous Next C	ancel

Currently, only the degree of detrend can be set and the fill method is restricted to Arthur's (expanding cross) method.

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## **Post Conditioning Options**

Intrepid Grid Filte	er Wizard				
Filter Options	Pre Conditioning	Post Condi	tioning		
ReApply Trend on output					
	P Apply Mass				
	F	Previous	Next	Ca	ancel

You can choose to reapply trend or use the input grid to recover holes on output.

Stretch and select the palette for display in ArcView

The last stage allows the image properties to be set for the raster display in ArcView

Data Transform None Cogarithmic C Exponential	
Histogram Stretch None Linear Stretch PI HED	
Palette	
pseudocolor V	

Set projections and save the output grid

ArcView		×	ArcView theme and
Name of New Theme	eba_sub_grid_v	d	View name - default is
Name of New View	GridFilt		based on name of
Projection	TMAMG54	•	- Projection
Output File	eba_sub_grid_vd Browse		
OK	Cancel		
			Output file name. Default
			is based on input grid
			with filter type appended.