

Creating a Filter

1. Browse to the 'MESSAGES' tab and click the 'Filter' button located on the right side of the messages tab tool bar to open the filtering dialog.

The screenshot shows the NOAA Satellite and Information Service (NESDIS) web interface. The 'MESSAGES' tab is selected. The 'FILTER' button is highlighted with a red box. The interface includes a header with the NOAA logo and 'National Environmental Satellite, Data, and Information Service (NESDIS)'. Below the header are navigation tabs: CHANNEL STATS, PROCESS STATS, MESSAGES, PLATFORMS, CHANNELS, RADIOS, and GROUPS. The 'MESSAGES' tab is active, showing a table of message data. The table has columns: ADDRESS, GROUP, CHAN, BAUD, SIGNAL, NOISE, QUALITY, FREQ, CAR TIME, END TIME, MSG TIME, ARM, SCID, TYPE, LEN, and MESSAGE DATA. The 'FILTER' button is located in the top right corner of the messages tab, next to 'NETLISTS', 'CLEAR', and 'EXPORT' buttons.

2. On the dialog, click the 'CLICK HERE TO ADD A NEW CONDITION' link, then the messages option, followed by the 'GROUP' condition.

The screenshot shows the 'FILTER DATA' dialog box. The 'CLICK HERE TO ADD A NEW CONDITION' link is highlighted with a red box. The 'MESSAGE' and 'GROUP' options are selected. The dialog box has a title bar 'FILTER DATA' and an 'APPLY FILTER' button. The main area contains a list of conditions to choose from: MESSAGE, ADDRESS, GROUP, BAUD RATE, SIGNAL STRENGTH, PHASE NOISE, MESSAGE QUALITY, FREQUENCY DEVIATION, CHARACTER TIME, CHARACTER TIME (BY DAY), END TIME, END TIME (BY DAY), MESSAGE TIME, ARM, SATELLITE ID, TIME, and DATA LENGTH. The 'MESSAGE' and 'GROUP' options are highlighted in blue. The background shows a table of message data with columns: ADDRESS, GROUP, CHAN, BAUD, SIGNAL, NOISE, QUALITY, FREQ, CAR TIME, END TIME, MSG TIME, ARM, SCID, TYPE, LEN, and MESSAGE DATA.

3. In the 'GROUP' condition textbox, enter your 6 character group code 'SURINM'.

The screenshot shows the 'FILTER DATA' dialog box. The 'MESSAGE GROUP STARTS WITH SURINM' condition is highlighted with a red box. The dialog box has a title bar 'FILTER DATA' and an 'APPLY FILTER' button. The main area contains a list of conditions to choose from: MESSAGE, ADDRESS, GROUP, BAUD RATE, SIGNAL STRENGTH, PHASE NOISE, MESSAGE QUALITY, FREQUENCY DEVIATION, CHARACTER TIME, CHARACTER TIME (BY DAY), END TIME, END TIME (BY DAY), MESSAGE TIME, ARM, SATELLITE ID, TIME, and DATA LENGTH. The 'MESSAGE GROUP STARTS WITH SURINM' condition is highlighted in blue. The background shows a table of message data with columns: ADDRESS, GROUP, CHAN, BAUD, SIGNAL, NOISE, QUALITY, FREQ, CAR TIME, END TIME, MSG TIME, ARM, SCID, TYPE, LEN, and MESSAGE DATA.

- Click 'APPLY FILTER' to filter the messages dataset. The dialog should close, and the grid should now contain messages from your platforms only.

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CHANNEL STATS PROCESS STATS MESSAGES PLATFORMS CHANNELS RADIOS GROUPS

WELCOME, CEANF CEANF

NETLISTS & VIEWS DEFAULT VIEW

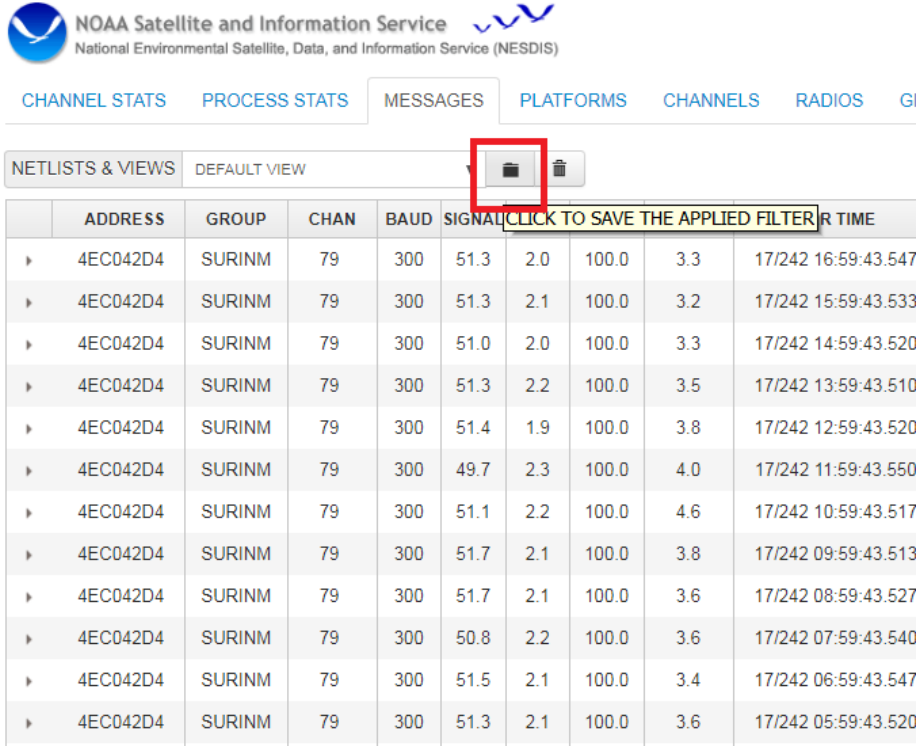
NETLISTS FILTER CLEAR EXPORT 100

	ADDRESS	GROUP	CHAN	BAUD	SIGNAL	NOISE	QUALITY	FREQ	CAR TIME	END TIME	MSG TIME	ARM	SCID	TYPE	LEN	MESSAGE DATA
▶	4EC042D4	SURINM	79	300	51.1	2.1	100.0	3.6	17/241 17:59:43.547	17/241 17:59:46.227	2.677	G	13	CS1	72	AAXX 29184 81250 36...
▶	4EC042D4	SURINM	79	300	51.2	2.0	100.0	3.4	17/241 16:59:43.520	17/241 16:59:46.227	2.705	G	13	CS1	72	AAXX 29174 81250 36...
▶	4EC042D4	SURINM	79	300	50.5	2.0	100.0	3.3	17/241 15:59:43.533	17/241 15:59:46.227	2.692	G	13	CS1	72	AAXX 29164 81250 36...
▶	4EC042D4	SURINM	79	300	51.0	1.9	100.0	3.6	17/241 14:59:43.537	17/241 14:59:46.227	2.691	G	13	CS1	72	AAXX 29154 81250 36...
▶	4EC042D4	SURINM	79	300	49.4	2.5	100.0	3.6	17/241 13:59:43.543	17/241 13:59:46.227	2.683	G	13	CS1	72	* AAXX 29144 81250 36...
▶	4EC042D4	SURINM	79	300	51.2	2.1	100.0	3.9	17/241 12:59:43.540	17/241 12:59:46.227	2.687	G	13	CS1	72	AAXX 29134 81250 36...
▶	4EC042D4	SURINM	79	300	51.2	2.2	100.0	4.2	17/241 11:59:43.523	17/241 11:59:46.227	2.703	G	13	CS1	72	AAXX 29124 81250 36...
▶	4EC042D4	SURINM	79	300	49.7	2.1	100.0	4.7	17/241 10:59:43.530	17/241 10:59:46.227	2.695	G	13	CS1	72	AAXX 29114 81250 36...
▶	4EC042D4	SURINM	79	300	51.4	2.1	100.0	3.7	17/241 09:59:43.543	17/241 09:59:46.227	2.684	G	13	CS1	72	AAXX 29104 81250 36...
▶	4EC042D4	SURINM	79	300	51.5	2.1	100.0	3.5	17/241 08:59:43.530	17/241 08:59:46.227	2.697	G	13	CS1	72	AAXX 29094 81250 36...
▶	4EC042D4	SURINM	79	300	51.0	2.2	100.0	3.5	17/241 07:59:43.520	17/241 07:59:46.227	2.707	G	13	CS1	72	AAXX 29084 81250 36...
▶	4EC042D4	SURINM	79	300	51.0	2.3	100.0	3.5	17/241 06:59:43.543	17/241 06:59:46.227	2.683	G	13	CS1	72	AAXX 29074 81250 36...
▶	4EC042D4	SURINM	79	300	51.1	2.1	100.0	3.6	17/241 05:59:43.523	17/241 05:59:46.227	2.704	G	13	CS1	72	AAXX 29064 81250 36...
▶	4EC042D4	SURINM	79	300	51.3	2.1	100.0	4.0	17/241 04:59:43.517	17/241 04:59:46.227	2.708	G	13	CS1	72	AAXX 29054 81250 36...
▶	4EC042D4	SURINM	79	300	51.0	2.0	100.0	3.6	17/241 03:59:43.537	17/241 03:59:46.227	2.690	G	13	CS1	72	AAXX 29044 81250 36...
▶	4EC042D4	SURINM	79	300	51.5	2.1	100.0	3.4	17/241 02:59:43.540	17/241 02:59:46.227	2.686	G	13	CS1	72	AAXX 29034 81250 36...
▶	4EC042D4	SURINM	79	300	51.3	2.0	100.0	3.4	17/241 01:59:43.527	17/241 01:59:46.227	2.700	G	13	CS1	72	AAXX 29024 81250 36...
▶	4EC042D4	SURINM	79	300	51.4	2.1	100.0	3.9	17/241 00:59:43.537	17/241 00:59:46.227	2.691	G	13	CS1	72	AAXX 29014 81250 36...
▶	4EC042D4	SURINM	79	300	51.6	2.0	100.0	3.7	17/240 23:59:43.530	17/240 23:59:46.227	2.695	G	13	CS1	72	AAXX 29004 81250 36...
▶	4EC042D4	SURINM	79	300	51.5	2.0	100.0	3.9	17/240 22:59:43.547	17/240 22:59:46.227	2.679	G	13	CS1	72	AAXX 28234 81250 36...

1 2 3 4 5 6 7 8 9 10 ... PAGE 1 OF 37 PAGE SIZE: 20 1 - 20 OF 721 MESSAGES



Saving a Filter

1. Filters can be saved so that they can be easily re-used. Once you have created a filter and applied it to the dataset, click the folder icon located to the right of the 'NETLISTS & VIEWS' drop down box to open the save filter dialog.



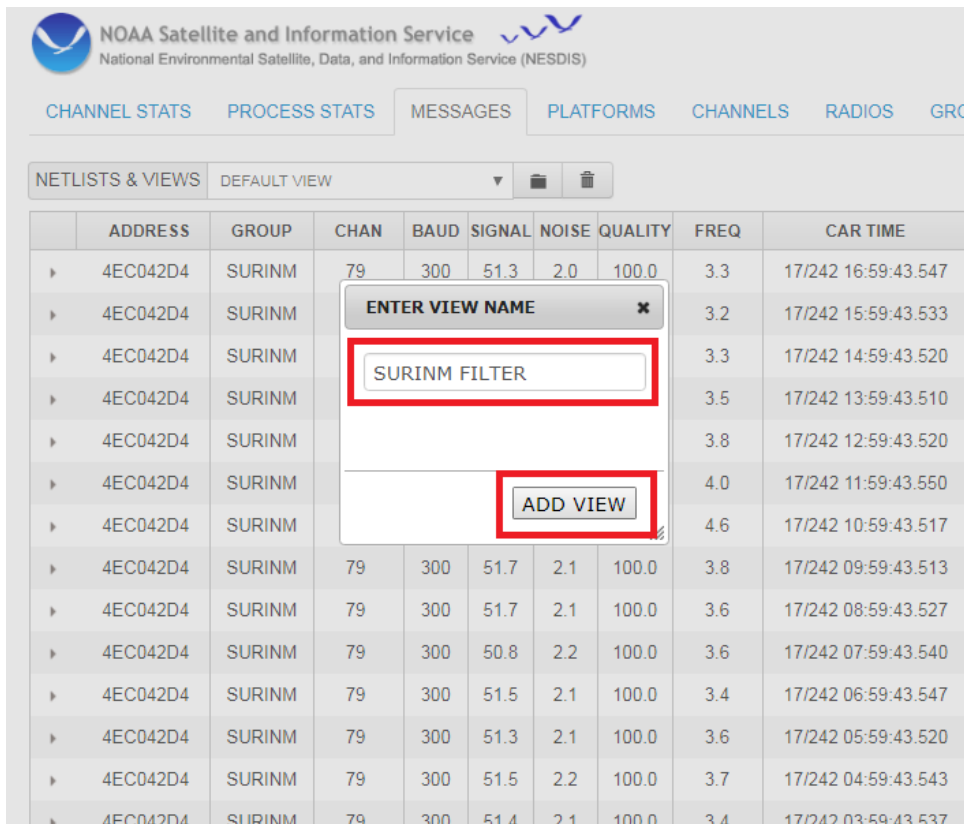
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National Environmental Satellite, Data, and Information Service (NESDIS)

CHANNEL STATS PROCESS STATS MESSAGES PLATFORMS CHANNELS RADIOS GI

NETLISTS & VIEWS DEFAULT VIEW  



	ADDRESS	GROUP	CHAN	BAUD	SIGNAL	NOISE	QUALITY	FREQ	CAR TIME
▶	4EC042D4	SURINM	79	300	51.3	2.0	100.0	3.3	17/242 16:59:43.547
▶	4EC042D4	SURINM	79	300	51.3	2.1	100.0	3.2	17/242 15:59:43.533
▶	4EC042D4	SURINM	79	300	51.0	2.0	100.0	3.3	17/242 14:59:43.520
▶	4EC042D4	SURINM	79	300	51.3	2.2	100.0	3.5	17/242 13:59:43.510
▶	4EC042D4	SURINM	79	300	51.4	1.9	100.0	3.8	17/242 12:59:43.520
▶	4EC042D4	SURINM	79	300	49.7	2.3	100.0	4.0	17/242 11:59:43.550
▶	4EC042D4	SURINM	79	300	51.1	2.2	100.0	4.6	17/242 10:59:43.517
▶	4EC042D4	SURINM	79	300	51.7	2.1	100.0	3.8	17/242 09:59:43.513
▶	4EC042D4	SURINM	79	300	51.7	2.1	100.0	3.6	17/242 08:59:43.527
▶	4EC042D4	SURINM	79	300	50.8	2.2	100.0	3.6	17/242 07:59:43.540
▶	4EC042D4	SURINM	79	300	51.5	2.1	100.0	3.4	17/242 06:59:43.547
▶	4EC042D4	SURINM	79	300	51.3	2.1	100.0	3.6	17/242 05:59:43.520

2. On the dialog, enter a friendly name for the filter and click the 'ADD VIEW' button at the bottom of the dialog.



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CHANNEL STATS PROCESS STATS MESSAGES PLATFORMS CHANNELS RADIOS GRC

NETLISTS & VIEWS DEFAULT VIEW  

	ADDRESS	GROUP	CHAN	BAUD	SIGNAL	NOISE	QUALITY	FREQ	CAR TIME
▶	4EC042D4	SURINM	79	300	51.3	2.0	100.0	3.3	17/242 16:59:43.547
▶	4EC042D4	SURINM	79	300	51.3	2.1	100.0	3.2	17/242 15:59:43.533
▶	4EC042D4	SURINM	79	300	51.0	2.0	100.0	3.3	17/242 14:59:43.520
▶	4EC042D4	SURINM	79	300	51.3	2.2	100.0	3.5	17/242 13:59:43.510
▶	4EC042D4	SURINM	79	300	51.4	1.9	100.0	3.8	17/242 12:59:43.520
▶	4EC042D4	SURINM	79	300	49.7	2.3	100.0	4.0	17/242 11:59:43.550
▶	4EC042D4	SURINM	79	300	51.1	2.2	100.0	4.6	17/242 10:59:43.517
▶	4EC042D4	SURINM	79	300	51.7	2.1	100.0	3.8	17/242 09:59:43.513
▶	4EC042D4	SURINM	79	300	51.7	2.1	100.0	3.6	17/242 08:59:43.527
▶	4EC042D4	SURINM	79	300	50.8	2.2	100.0	3.6	17/242 07:59:43.540
▶	4EC042D4	SURINM	79	300	51.5	2.1	100.0	3.4	17/242 06:59:43.547
▶	4EC042D4	SURINM	79	300	51.3	2.1	100.0	3.6	17/242 05:59:43.520
▶	4EC042D4	SURINM	79	300	51.5	2.2	100.0	3.7	17/242 04:59:43.543
▶	4EC042D4	SURINM	79	300	51.4	2.1	100.0	3.4	17/242 03:59:43.537

ENTER VIEW NAME *

SURINM FILTER

ADD VIEW

- Once the filter is saved, it will show up in the 'NETLISTS & VIEWS' drop down box and the message filter will be applied to the grid. The drop down box is used to apply the saved filters in the future. To load an un-applied filter, simply select it from the list, and it will be automatically applied to the message data.

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CHANNEL STATS PROCESS STATS MESSAGES PLATFORMS CHANNELS RADIOS GR

NETLISTS & VIEWS [VIEW] SURINM FILTER [trash icon] [save icon]

ADDRESS	GROUP	CHAN	BAUD	SIGNAL	NOISE	QUALITY	FREQ	CAR TIME
4EC042D4	SURINM	79	300	51.3	2.0	100.0	3.3	17/242 16:59:43.547
4EC042D4	SURINM	79	300	51.3	2.1	100.0	3.2	17/242 15:59:43.533
4EC042D4	SURINM	79	300	51.0	2.0	100.0	3.3	17/242 14:59:43.520
4EC042D4	SURINM	79	300	51.3	2.2	100.0	3.5	17/242 13:59:43.510
4EC042D4	SURINM	79	300	51.4	1.9	100.0	3.8	17/242 12:59:43.520
4EC042D4	SURINM	79	300	49.7	2.3	100.0	4.0	17/242 11:59:43.550
4EC042D4	SURINM	79	300	51.1	2.2	100.0	4.6	17/242 10:59:43.517
4EC042D4	SURINM	79	300	51.7	2.1	100.0	3.8	17/242 09:59:43.513
4EC042D4	SURINM	79	300	51.7	2.1	100.0	3.6	17/242 08:59:43.527
4EC042D4	SURINM	79	300	50.8	2.2	100.0	3.6	17/242 07:59:43.540
4EC042D4	SURINM	79	300	51.5	2.1	100.0	3.4	17/242 06:59:43.547
4EC042D4	SURINM	79	300	51.3	2.1	100.0	3.6	17/242 05:59:43.520
4EC042D4	SURINM	79	300	51.5	2.2	100.0	3.7	17/242 04:59:43.543

- You can also delete your saved filters. To do this load the filter you want to delete by selecting from the drop down list. Then click the trash can icon located to the right of the drop down list and save button. This will delete the filter from your account and clear it from the message data.

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CHANNEL STATS PROCESS STATS MESSAGES PLATFORMS CHANNELS RADIOS GR

NETLISTS & VIEWS [VIEW] SURINM FILTER [trash icon] [save icon]

ADDRESS	GROUP	CHAN	BAUD	SIGNAL	NOISE	QUALITY	FREQ	CAR TIME
4EC042D4	SURINM	79	300	51.3	2.0	100.0	3.3	17/242 16:59:43.547
4EC042D4	SURINM	79	300	51.3	2.1	100.0	3.2	17/242 15:59:43.533
4EC042D4	SURINM	79	300	51.0	2.0	100.0	3.3	17/242 14:59:43.520
4EC042D4	SURINM	79	300	51.3	2.2	100.0	3.5	17/242 13:59:43.510
4EC042D4	SURINM	79	300	51.4	1.9	100.0	3.8	17/242 12:59:43.520
4EC042D4	SURINM	79	300	49.7	2.3	100.0	4.0	17/242 11:59:43.550
4EC042D4	SURINM	79	300	51.1	2.2	100.0	4.6	17/242 10:59:43.517
4EC042D4	SURINM	79	300	51.7	2.1	100.0	3.8	17/242 09:59:43.513
4EC042D4	SURINM	79	300	51.7	2.1	100.0	3.6	17/242 08:59:43.527
4EC042D4	SURINM	79	300	50.8	2.2	100.0	3.6	17/242 07:59:43.540
4EC042D4	SURINM	79	300	51.5	2.1	100.0	3.4	17/242 06:59:43.547
4EC042D4	SURINM	79	300	51.3	2.1	100.0	3.6	17/242 05:59:43.520