	<b>SONARtrac<sup>®</sup> Technical Bulletin</b>	
	<b>Subject: Alternate Transmitter Display Default Contrast Setting</b>	TB024   Rev: 02
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**UPDATED July 17, 2012**

The unavailability of the display normally used in our transmitter has required us to use an alternate one. 49 Transmitters will be equipped with this alternate display. This is expected to be a one-time occurrence.

The main difference to the user is that the screen contrast default setting is 300 as opposed to a value of 170 in the display we normally use. If value 170 is used with these alternate displays the screen is very dark when viewed from straight on. (If viewed from an angle of about 45 degrees in any direction from straight on, the screen is visible.)

This should not be a problem for most persons as the screen contrast is rarely changed by a user. However, in some circumstances the contrast could be changed when:

1. Sometimes people generate configuration files prior to going to field and the contrast will be reset to 170 when the configuration is loaded,
2. Sometimes people use a “stock” configuration file from a similar application or copy it from transmitter to transmitter for a similar application and the contrast may be reset to 170,
3. Transmitter command “Reset Defaults”, or during reprogramming a transmitter using StFSU and selecting “Reset Defaults” will reset the contrast to value 170.

Screen contrast can be changed using the keypad on the transmitter by going to menu item CUSTOMIZE / DISPLAY / CONTRAST <ENTER> scroll to value 300 <ENTER> / <EXIT>.

SONARtrac FSU can be used to change in the screen contrast in the configuration file. Screen contrast is found in the upper middle of the “Output” tab in the “Display and Output Setup” box.

The following pages lists the serial number, customer name, sales order number, business area and other information for the systems that have been shipped.

Please contact Technical support or Customer Support with any questions or comments.

<b>Priority Code:</b>			
1	Safety issue or system will not function	2	Intermittent problem causing system crash
3	Erratic data/readings	4	Added product feature
5	Product enhancement	6	Product Information

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## Transmitters Shipped With Alternate Display

	Tx S/N	Business Area	Customer Name	Sales Order#	Comments
1	3076	Minerals	Tech Flow	104661	
2	3077	Minerals	Tech Flow	104661	
3	3078	Minerals	Honeywell Chile	104685	Tag: FIT-43547
4	3079	Minerals	Honeywell Chile	104685	Tag: FIT-43548
5	3080	Minerals	Operadora de Minas	104743	
6	3081	Minerals	Boliden Kokkola	104628	
7	3082	Minerals	Boliden Kokkola	104628	
8	3083	CCMI	IP-Pensacola	104633	
9	3084	Minerals	Oyu Tolgoi	104629	
10	3085	Minerals	Oyu Tolgoi	104629	
11	3086	Minerals	Oyu Tolgoi	104629	
12	3087	Minerals	Oyu Tolgoi	104629	
13	3088	Minerals	Xstrata - Alumbreira	104702	
14	3089	Minerals	Xstrata - Alumbreira	104702	
15	3090	Minerals	Morris -Coker	104712	
16	3091	Minerals	Morris -Coker	104712	
17	3092	Oil sands	Worley Parsons	104654	TAGS = 255-1-FE/FIT-51
18	3093	Minerals	Morris -Coker	104712	
19	3094	Oil sands	Worley Parsons	104654	TAGS = 255-2-FE/FIT-51
20	3095	Oil sands	Worley Parsons	104654	TAGS = 255-1-FE/FIT-55
21	3096	Oil sands	Worley Parsons	104654	TAGS = 255-2-FE/FIT-55
22	3097	Oil sands	Worley Parsons	104654	TAGS = 255-0-FE/FIT-1
23	3098	Minerals	Synergy	104719	
24	3099	Minerals	Synergy	104719	
25	3100	Minerals	LKAB	104725	
26	3101	Minerals	LKAB	104725	
27	3102	Minerals	Ministro Hales	104558	
28	3103	Minerals	Montana Exploration	104701	Tag: 4220-FIT-1270
29	3104	Minerals	Khrone	104680	Tag: FE/FT-230535

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30	3105	Minerals	Khrone	104680	Tag: FE/FT-230679
31	3106	Minerals	Khrone	104680	Tag: FE/FT-230681
32	3107	Minerals	Khrone	104680	Tag: FE/FT-230683
33	3108	Minerals	Khrone	104680	Tag: FE/FT-230685
34	3109	Minerals	Khrone	104680	Tag: FE/FT-230699
35	3110	Minerals	Khrone	104680	Tag: FE/FT-230701
36	3111	Minerals	Khrone	104680	Tag: FE/FT-230707
37	3112	Minerals	Khrone	104680	Tag: FE/FT-230710
38	3113	Minerals	Khrone	104680	Tag: FE/FT-230713
39	3114	Minerals	Khrone	104680	Tag: FE/FT-230724
40	3115	Minerals	Khrone	104680	Tag: FE/FT-230698
41	3116	Minerals	Khrone	104680	Tag: FE/FT-230722
42	3117	Minerals	Khrone	104680	Tag: FE/FT-230723
43	3118	Minerals	Fluor-Vale	104706	TAGS = 212-152-FE/FIT-11450
44	3119	Minerals	Fluor-Vale	104706	TAGS = 226-152-FE/FIT-76020
45	3144	Minerals	Xstrata	104731	
46	3145	Minerals	Xstrata	104731	
47	3146	Minerals	Candelaria	104728	
48	3147	Minerals	Barrick-Valadero	104890	TAGS = 310-FIT-622B
49	3148	Minerals	Minera	104883	


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### Document Change History

Date	Revision	Changed By	ECO #	Description of Change
5Jan12	01	Bob Markoja	E12-0005	Initial Release
18Jul12	02	Bob Markoja	E12-0054	Final list of transmitters with alternate display

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