

New Folder Name Profile Info

L190-T940050-00-B



Chicago Bridge & Iron
TELEFAX TRANSMISSION *Technical Services Company*

Research Center
1501 North Division Street
Plainfield, Illinois 60544-8929

Phone: 815-439-6000
FAX: 815-436-8345

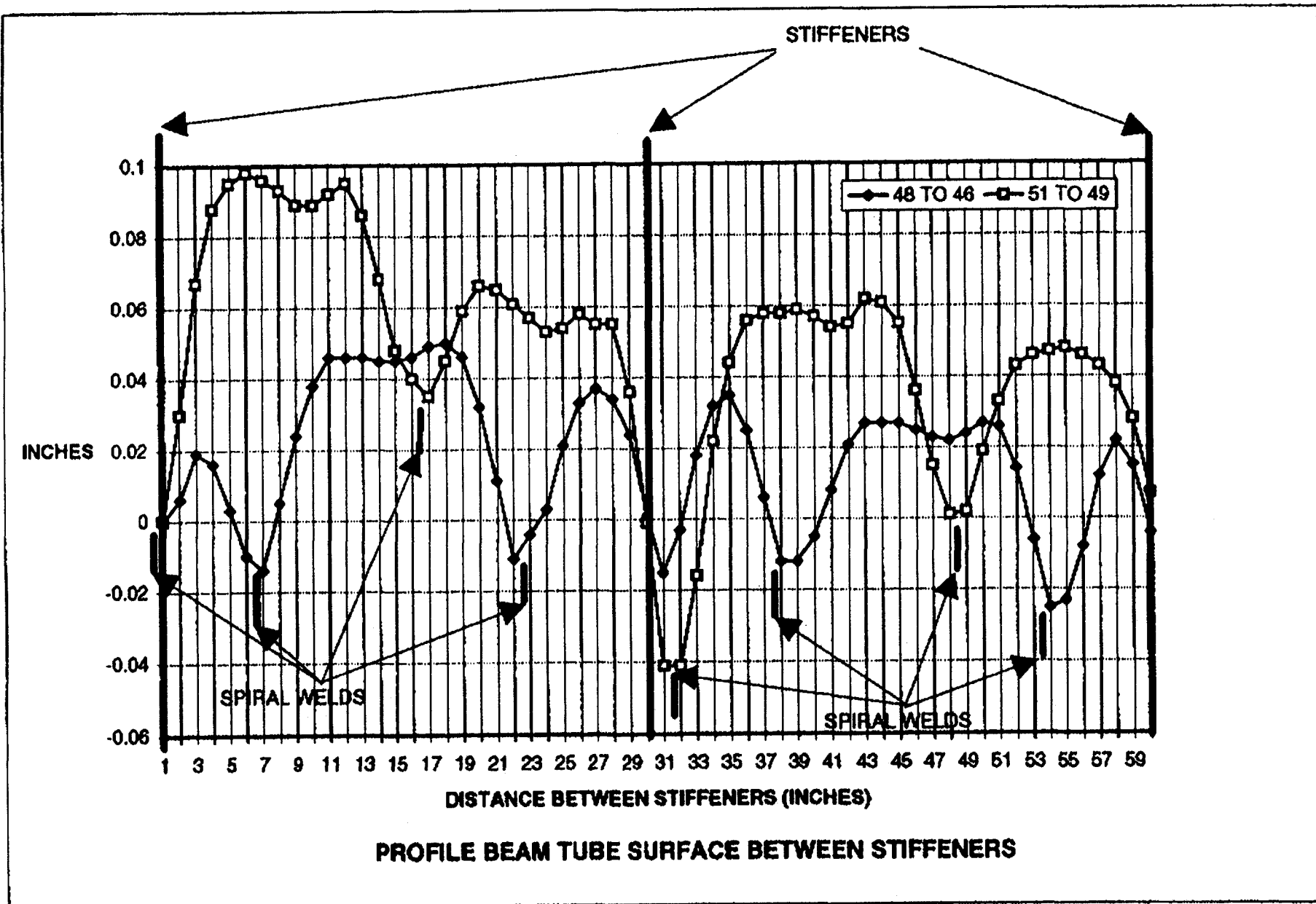
TO:	<u>LARRY JONES</u>	FROM:	<u>STEVE PETERS</u>
COMPANY:	<u>CALTECH</u>	DATE:	<u>12/22/94</u>
FAX NO.:	<u>(818) 304-9834</u>	# OF PAGES:	<u>4 (including cover)</u>

Larry,

Attached is the requested beam tube profile information. The profile measurements were at two selected locations along the 22-B assembly. Sixty (60) readings were taken at each location a spacings of 1". At one of the selected locations a spiral weld seam was centered midway between the two adjacent beam tube stiffeners. At the other selected location two of the spiral weld seams were located between the adjacent stiffeners.

Please call if you have any questions or comments concerning this transmittal.

Steve Peters



BEAM TUBE PROFILE DATA (22B)

DISTANCE	STIFFENER LOCATIONS ON 22B			
	48 TO 46		51 TO 49	
1	0.876		0.871	WELD
2	0.87	STIFF	0.841	STIFF
3	0.857		0.804	
4	0.86		0.783	
5	0.873		0.776	
6	0.886	WELD	0.773	
7	0.89		0.775	
8	0.871		0.778	
9	0.852		0.782	
10	0.838		0.782	
11	0.83		0.779	
12	0.83		0.776	
13	0.83		0.785	
14	0.831		0.803	
15	0.831		0.823	
16	0.83		0.831	WELD
17	0.827		0.836	
18	0.826		0.826	
19	0.83		0.812	
20	0.844		0.805	
21	0.865		0.806	
22	0.887	WELD	0.81	
23	0.88		0.814	
24	0.873		0.818	
25	0.855		0.817	
26	0.843		0.813	
27	0.839		0.816	
28	0.842		0.816	
29	0.852		0.835	
30	0.875		0.872	
31	0.891	STIFF	0.912	STIFF
32	0.879		0.912	WELD
33	0.858		0.887	
34	0.844		0.849	
35	0.841		0.827	
36	0.851		0.815	
37	0.87		0.813	
38	0.888	WELD	0.813	
39	0.888		0.812	
40	0.881		0.814	
41	0.868		0.817	
42	0.855		0.816	
43	0.849		0.809	
44	0.849		0.81	
45	0.849		0.816	
46	0.851		0.835	

BEAM TUBE PROFILE DATA (22B)

STIFFENER LOCATIONS ON 22B						
DISTANCE	48 TO 46		51 TO 49		48 TO 46	51 TO 49
47	0.853		0.856		0.023	0.015
48	0.854		0.87		0.022	0.001
49	0.852		0.869	WELD	0.024	0.002
50	0.849		0.852		0.027	0.019
51	0.85		0.838		0.026	0.033
52	0.862		0.828		0.014	0.043
53	0.882		0.825		-0.006	0.046
54	0.901		0.824		-0.025	0.047
55	0.899	WELD	0.823		-0.023	0.048
56	0.884		0.825		-0.008	0.046
57	0.864		0.828		0.012	0.043
58	0.854		0.833		0.022	0.038
59	0.861		0.843		0.015	0.028
60	0.88		0.864		-0.004	0.007
61		STIFF		STIFF		