

SEMI-ANNUAL REPORT OF
BSCC VALVE FRACTURE STATISTICS THROUGH
DECEMBER 31, 2007

THE FOLLOWING FRACTURES WERE REPORTED TO SHILEY BETWEEN JULY 1, 2007 AND DECEMBER 31, 2007.

BSCC 60 DEGREE VALVES	SERIAL NUMBER	FLANGE SIZE	IMPLANT POSITION	WELDDATE	IMPLANT DATE	PATIENT AGE AT DATE OF FRACTURE	DATE REPORTED TO SHILEY	OUTCOME	GEOGRAPHIC LOCATION	FORMER	EST'D	EST'D
										FRACTURE RATE (%/Year)	FRACTURE RATE (%/Year)	FRACTURE RATE AT DATE OF FRACTURE (%/Year)

NONE

BSCC 70 DEGREE VALVES

NONE

VALVES WITH UNKNOWN SERIAL NUMBERS

NONE

EXCLUDED EVENTS

AS OF DECEMBER 31, 2007, THERE ARE SEVENTEEN EVENTS (UNKNOWN SERIAL NUMBERS) THAT ARE NOT INCLUDED IN THE ACTUARIAL STATISTICS DUE TO INADEQUATE INFORMATION; I.E., THE AVAILABLE INFORMATION IS INSUFFICIENT TO PLACE THESE VALVES INTO ANY RISK CATEGORIES.

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DECEMBER 31, 2007

UPDATES TO PREVIOUS REPORTS.

SERIAL NUMBER	FLANGE SIZE	IMPLANT POSITION	WELDDATE	IMPLANT DATE	PATIENT AGE AT DATE OF FRACTURE	DATE OF FRACTURE	DATE REPORTED TO SHILEY	OUTCOME	GEOGRAPHIC LOCATION	FORMER EST'D FRACTURE RATE (%/Year)	EST'D FRACTURE RATE AT DATE OF FRACTURE (%/Year)	REASON FOR UPDATE
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NONE

II. REPORTED FRACTURES, ESTIMATED PERSON YEARS, AND RATES OF REPORTED FRACTURE STRATIFIED BY U.S., NON-U.S., AND TOTAL WORLDWIDE DISTRIBUTION OF BSCC 60 DEGREE VALVES AS OF DECEMBER 31, 2007.

Risk Group	Size/Position	Welder Group	Weld Date	U.S.			NON-U.S.			WORLDWIDE		
				Reported Fractures	Estimated Person Years	Rate of Reported Fracture (%/Year)	Reported Fractures	Estimated Person Years	Rate of Reported Fracture (%/Year)	Reported Fractures	Estimated Person Years	Rate of Reported Fracture (%/Year)
1	33/M	A	Jan. 81 - June 82	6	1702	0.35	4	972	0.41	10	2674	0.37
2	33/M	A	<1980, Jul. 82-March 84	4	2696	0.15	3	1863	0.16	7	4559	0.15
3	33/M	B	<1980, Jan. 81-March 84	7	1391	0.50	4	1207	0.33	11	2598	0.42
4	33/M	C	<1980, Jan. 81-March 84	17	1511	1.13	6	1380	0.43	23	2891	0.80
5	31/M	A	Jan. 81 - June 82	10	5844	0.17	9	7323	0.12	19	13167	0.14
6	31/M	B	Jan. 81 - June 82	21	7090	0.30	22	9785	0.22	43	16875	0.25
7	31/M	C	Jan. 81 - June 82	20	4962	0.40	30	7370	0.41	50	12332	0.41
8	31/M	A	<1980, July 82 - March 84	3	8505	0.04	14	17205	0.08	17	25710	0.07
9	31/M	B	<1980, July 82 - March 84	10	2890	0.35	4	4113	0.10	14	7003	0.20
10	31/M	C	<1980, July 82 - March 84	3	1146	0.26	5	1299	0.38	8	2445	0.33
11	29/M	A	Jan. 81 - June 82	5	6996	0.07	6	10468	0.06	11	17464	0.06
12	29/M	B	Jan. 81 - June 82	15	10256	0.15	19	17021	0.11	34	27277	0.12
13	29/M	C	Jan. 81 - June 82	19	5975	0.32	29	10254	0.28	48	16229	0.30
14	29-33/A	A	Jan. 81 - June 82	1	2448	0.04	0	2871	0.00	1	5319	0.02
15	29-33/A	B	Jan. 81 - June 82	1	1697	0.06	2	2486	0.08	3	4183	0.07
16	29-33/A	C	Jan. 81 - June 82	6	2513	0.24	3	3785	0.08	9	6298	0.14
17	29/M	A,B,C	<1980, July 82 - March 84	5	14313	0.03	20	28369	0.07	25	42682	0.06
18	29-33/A or M	A,B,C	1980	9	21912	0.04	12	49886	0.02	21	71798	0.03
19	23 or 27/A or M	A,B,C	<=March 84	50	140935	0.04	64	250886	0.03	114	391821	0.03
20	29-33/A	A,B,C	<1980, July 82 - March 84	0	4235	0.00	1	11131	0.01	1	15366	0.01
21	21 or 25/A or M	A,B,C	<=March 84	13	183108	0.01	8	256474	0.00	21	439582	0.00
	21-33/A or M	A,B,C	>=April 84									
	TOTAL			225	432125		265	696148		490	1128273	

III. VALVES BELIEVED IMPLANTED AND ESTIMATED NUMBER OF VALVES CURRENTLY IMPLANTED STRATIFIED BY U.S., NON-U.S., AND TOTAL WORLDWIDE DISTRIBUTION OF BSCC 60 DEGREE VALVES AS OF DECEMBER 31, 2007.

Risk Group	Size/ Position	Welder Group	Weld Date	Estimated Fracture Rate (%/Year)	TOTAL NUMBER OF VALVES BELIEVED TO HAVE BEEN IMPLANTED			NUMBER OF VALVES ESTIMATED TO BE CURRENTLY IMPLANTED IN LIVING PATIENTS		
					U.S.	Non-U.S.	Worldwide	U.S.	Non-U.S.	Worldwide
1	33/M	A	Jan. 81 - June 82	1.28	140	81	221	34	20	54
2	33/M	A	<1980, July 82-March 84	0.46	223	154	377	54	37	91
3	33/M	B	<1980, Jan. 81-March 84	1.36	116	99	215	29	24	53
4	33/M	C	<1980, Jan. 81-March 84	2.82	133	116	249	38	30	68
5	31/M	A	Jan. 81 - June 82	0.43	469	591	1060	105	134	239
6	31/M	B	Jan. 81 - June 82	0.87	579	803	1382	136	191	327
7	31/M	C	Jan. 81 - June 82	1.39	408	610	1018	98	149	247
8	31/M	A	<1980, July 82 - March 84	0.18	689	1387	2076	159	314	473
9	31/M	B	<1980, July 82 - March 84	0.71	243	340	583	62	83	145
10	31/M	C	<1980, July 82 - March 84	0.88	96	110	206	24	28	52
11	29/M	A	Jan. 81 - June 82	0.19	559	839	1398	124	187	311
12	29/M	B	Jan. 81 - June 82	0.35	827	1381	2208	188	319	507
13	29/M	C	Jan. 81 - June 82	1.05	489	842	1331	116	200	316
14	29-33/A	A	Jan. 81 - June 82	0.17	163	191	354	57	67	124
15	29-33/A	B	Jan. 81 - June 82	0.21	113	166	279	40	58	98
16	29-33/A	C	Jan. 81 - June 82	0.57	171	255	426	62	91	153
17	29/M	A,B,C	<1980, July 82 - March 84	0.13	1161	2305	3466	268	534	802
18	29-33/A or M	A,B,C	1980	0.11	1670	3813	5483	372	871	1243
19	23 or 27/A or M	A,B,C	<=March 84	0.09	9880	17716	27596	3022	5394	8416
20	29-33/A	A,B,C	<1980, July 82 - March 84	0.03	286	742	1028	102	260	362
21	21 or 25/A or M	A,B,C	<=March 84	0.01	12815	17938	30753	4223	5920	10143
	21-33/A or M	A,B,C	>=April 84							
TOTAL					31230	50479	81709	9313	14911	24224

IV. REPORTED FRACTURES AND RATES OF REPORTED FRACTURE FOR THE CURRENT (DECEMBER 31, 2007) AND PREVIOUS THREE REPORTS FOR THE TOTAL WORLDWIDE DISTRIBUTION OF BSCC 60 DEGREE VALVES

Risk Size/ Group Position	Welder Group	Weld Date	JUNE 30, 2006		DECEMBER 31, 2006		JUNE 30, 2007		DECEMBER 31, 2007	
			Reported Fractures	Rate of Reported Fracture (%/Year)	Reported Fractures	Rate of Reported Fracture (%/Year)	Reported Fractures	Rate of Reported Fracture (%/Year)	Reported Fractures	Rate of Reported Fracture (%/Year)
1 33/M	A	Jan. 81 - June 82	10	0.38	10	0.38	10	0.38	10	0.37
2 33/M	A	<1980, July 82-March 84	7	0.16	7	0.16	7	0.15	7	0.15
3 33/M	B	<1980, Jan. 81-March 84	11	0.44	11	0.43	11	0.43	11	0.42
4 33/M	C	<1980, Jan. 81-March 84	23	0.82	23	0.81	23	0.80	23	0.80
5 31/M	A	Jan. 81 - June 82	19	0.15	19	0.15	19	0.15	19	0.14
6 31/M	B	Jan. 81 - June 82	43	0.26	43	0.26	43	0.26	43	0.25
7 31/M	C	Jan. 81 - June 82	49	0.41	50	0.41	50	0.41	50	0.41
8 31/M	A	<1980, July 82 - March 84	17	0.07	17	0.07	17	0.07	17	0.07
9 31/M	B	<1980, July 82 - March 84	13	0.19	14	0.20	14	0.20	14	0.20
10 31/M	C	<1980, July 82 - March 84	8	0.34	8	0.33	8	0.33	8	0.33
11 29/M	A	Jan. 81 - June 82	11	0.06	11	0.06	11	0.06	11	0.06
12 29/M	B	Jan. 81 - June 82	34	0.13	34	0.13	34	0.13	34	0.12
13 29/M	C	Jan. 81 - June 82	48	0.30	48	0.30	48	0.30	48	0.30
14 29-33/A	A	Jan. 81 - June 82	1	0.02	1	0.02	1	0.02	1	0.02
15 29-33/A	B	Jan. 81 - June 82	3	0.07	3	0.07	3	0.07	3	0.07
16 29-33/A	C	Jan. 81 - June 82	9	0.15	9	0.15	9	0.14	9	0.14
17 29/M	A,B,C	<1980, July 82 - March 84	25	0.06	25	0.06	25	0.06	25	0.06
18 29-33/A or M	A,B,C	1980	21	0.03	21	0.03	21	0.03	21	0.03
19 23 or 27/A or M	A,B,C	<=March 84	112	0.03	114	0.03	114	0.03	114	0.03
20 29-33/A	A,B,C	<1980, July 82 - March 84	1	0.01	1	0.01	1	0.01	1	0.01
21 21 or 25/A or M	A,B,C	<=March 84	21	0.00	21	0.00	21	0.00	21	0.00
21 21-33/A or M	A,B,C	>=April 84								
TOTAL			486		490		490		490	

V. REPORTED FRACTURES, ESTIMATED PERSON YEARS, RATES OF REPORTED FRACTURE, VALVES BELIEVED IMPLANTED, AND ESTIMATED NUMBER OF VALVES CURRENTLY IMPLANTED FOR BSCC 70 DEGREE VALVES AS OF DECEMBER 31, 2007.

<u>Risk Group</u>	<u>Size/Position</u>	<u>Welder Group</u>	<u>Estimated Fracture Rate (%/Year)</u>	<u>Reported Fractures</u>	<u>Estimated Person Years</u>	<u>Rate of Reported Fracture (%/Year)</u>	<u>Total Valves Believed To Have Been Implanted</u>	<u>Number of Valves Estimated To Be Currently Implanted In Living Patients</u>
95-1	31 - 33 M	D	1.58	35	5009	0.70	427	112
95-2	31 - 33 M	E	3.29	14	1131	1.24	101	29
95-3	29 M or 29-33 A	D	0.64	23	7145	0.32	562	150
95-4	29 M or 29-33 A	E	2.68	24	2318	1.04	195	60
95-5	23 or 27/A or M	D	0.31	17	14551	0.12	1037	322
95-6	23 or 27/A or M	E	1.26	28	7165	0.39	529	171
95-7	17-21 or 25/A or M	D or E	0.21	14	17582	0.08	1196	407
TOTALS				<u>155</u>	<u>54,901</u>		<u>4047</u>	<u>1251</u>

VI. REPORTED FRACTURES AND RATES OF REPORTED FRACTURE FOR THE CURRENT (DECEMBER 31, 2007) AND PREVIOUS THREE REPORTS FOR THE TOTAL WORLDWIDE DISTRIBUTION OF BSCC 70 DEGREE VALVES

Risk Group	Size/Position	Welder Group	JUNE 30, 2006		DECEMBER 31, 2006		JUNE 30, 2007		DECEMBER 31, 2007	
			Reported Fractures	Rate of Reported Fracture (%/Year)	Reported Fractures	Rate of Reported Fracture (%/Year)	Reported Fractures	Rate of Reported Fracture (%/Year)	Reported Fractures	Rate of Reported Fracture (%/Year)
95-1	31 - 33 M	D	35	0.72	35	0.71	35	0.71	35	0.70
95-2	31 - 33 M	E	14	1.27	14	1.26	14	1.25	14	1.24
95-3	29 M or 29-33 A	D	23	0.33	23	0.33	23	0.32	23	0.32
95-4	29 M or 29-33 A	E	24	1.07	24	1.06	24	1.05	24	1.04
95-5	23 or 27/A or M	D	17	0.12	17	0.12	17	0.12	17	0.12
95-6	23 or 27/A or M	E	28	0.40	28	0.40	28	0.39	28	0.39
95-7	17-21 or 25/A or M	D or E	14	0.08	14	0.08	14	0.08	14	0.08
TOTALS			155		155		155		155	