Starboard ℄ **Port**

	E	D	C	B	A	A	B	C	D	E
1	SE1	SD1	SC1	SB1	SA1	PA1	PB1	PC1	PD1	PE1
2	SE2	SD2	SC2	SB2	SA2	PA2	PB2	PC2	PD2	PE2
3	SE3	SD3	SC3	SB3	SA3	PA3	PB3	PC3	PD3	PE3
4	SE4	SD4	SC4	SB4	SA4	PA4	PB4	PC4	PD4	PE4
5	SE5	SD5	SC5	SB5	SA5	PA5	PB5	PC5	PD5	PE5
6	SE6	SD6	SC6	SB6	SA6	PA6	PB6	PC6	PD6	PE6
7	SE7	SD7	SC7	SB7	SA7	PA7	PB7	PC7	PD7	PE7
8	SE8	SD8	SC8	SB8	SA8	PA8	PB8	PC8	PD8	PE8
9	SE9	SD9	SC9	SB9	SA9	PA9	PB9	PC9	PD9	PE9
10	SE10	SD10	SC10	SB10	SA10	PA10	PB10	PC10	PD10	PE10

44 33 22 11 0 11 22 33 44

Inches from SDRW centerline (locations of vertical lead number lines)

Figure 1. SDRW radiograph exposure identification chart. Fourteen- by seventeen-inch exposures are oriented with the long dimension horizontal and centered between pairs of lines multiples of eleven inches from the centerline. The upper rubber line (URL) and lower rubber line (LRL) are where the rubber dome meets the hull. This chart is used to identify and communicate the required inspection coverage as determined on a case-by-case basis by NRL. For convenience, the following figures 2 through 5 designate groups of exposures frequently required.

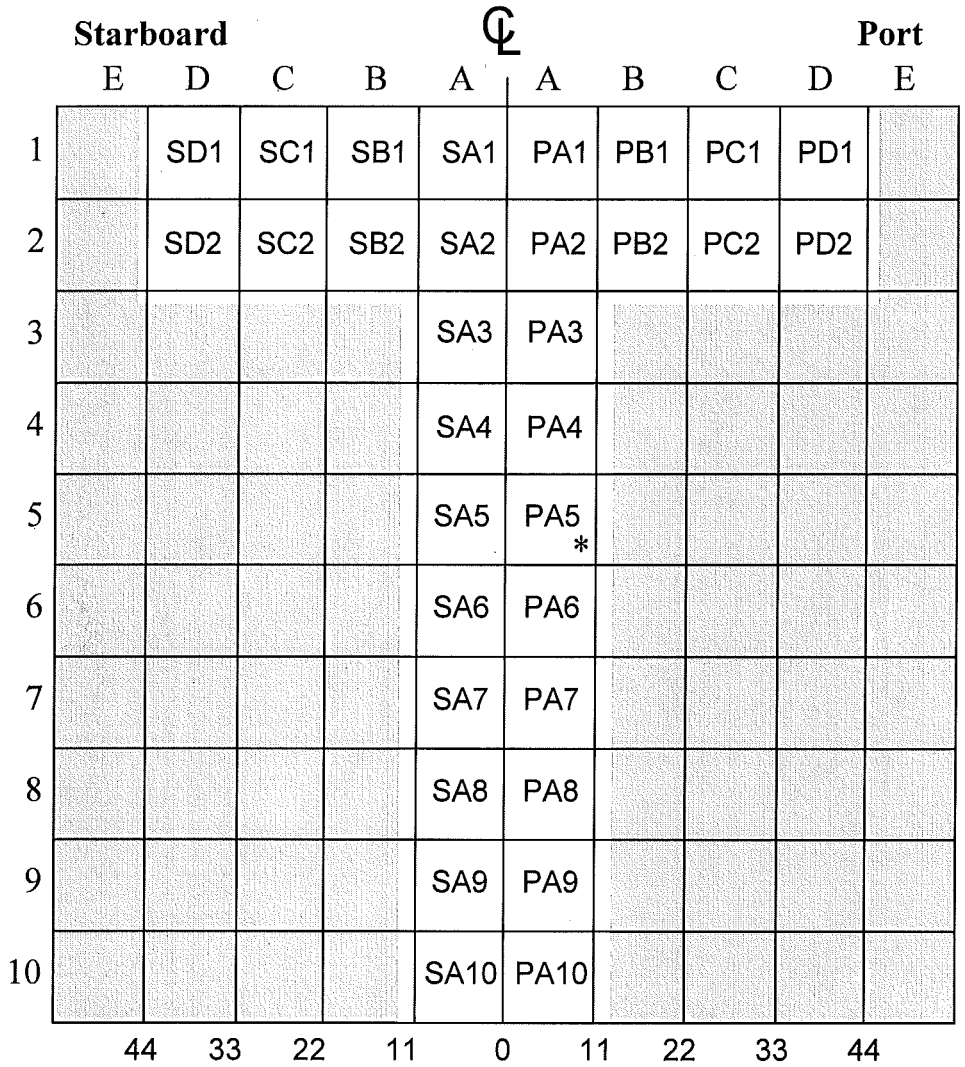

Figure 2. Standard minimum inspection area for drydock inspection of 5-ply SDRWs. If required, additional exposures will also be designated in terms of Figure 1.

* Recommended penetrameter location.

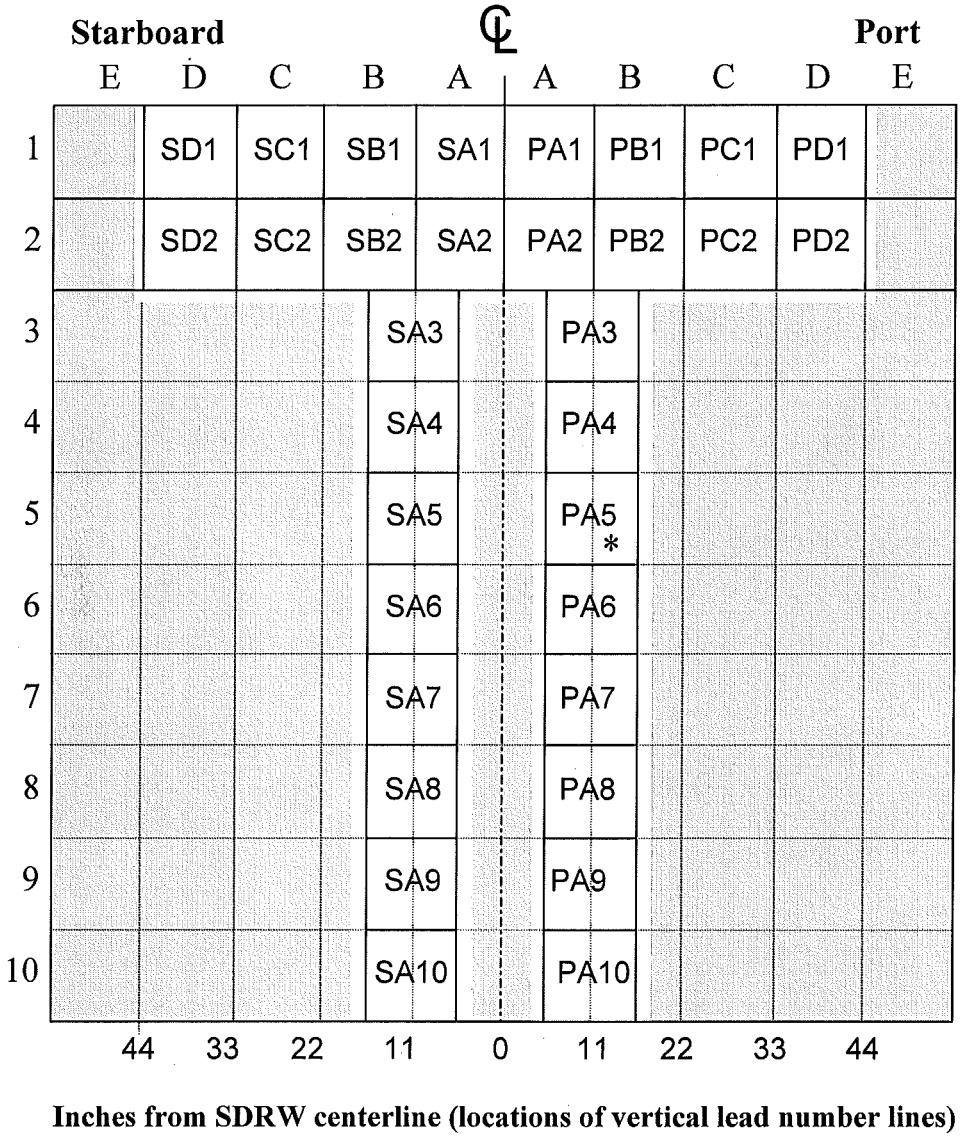

Figure 3. Standard minimum inspection area for drydock inspection of 6-ply SDRWs. Note the deviation from Figure 1 in the use of an alternate placement of the A column below row 2. These exposures are to be centered on the lines 11 inches from the centerline instead of between the 0 and 11 inch lines. If required, additional exposures will also be designated in terms of Figure 1.

* Recommended penetrameter location.

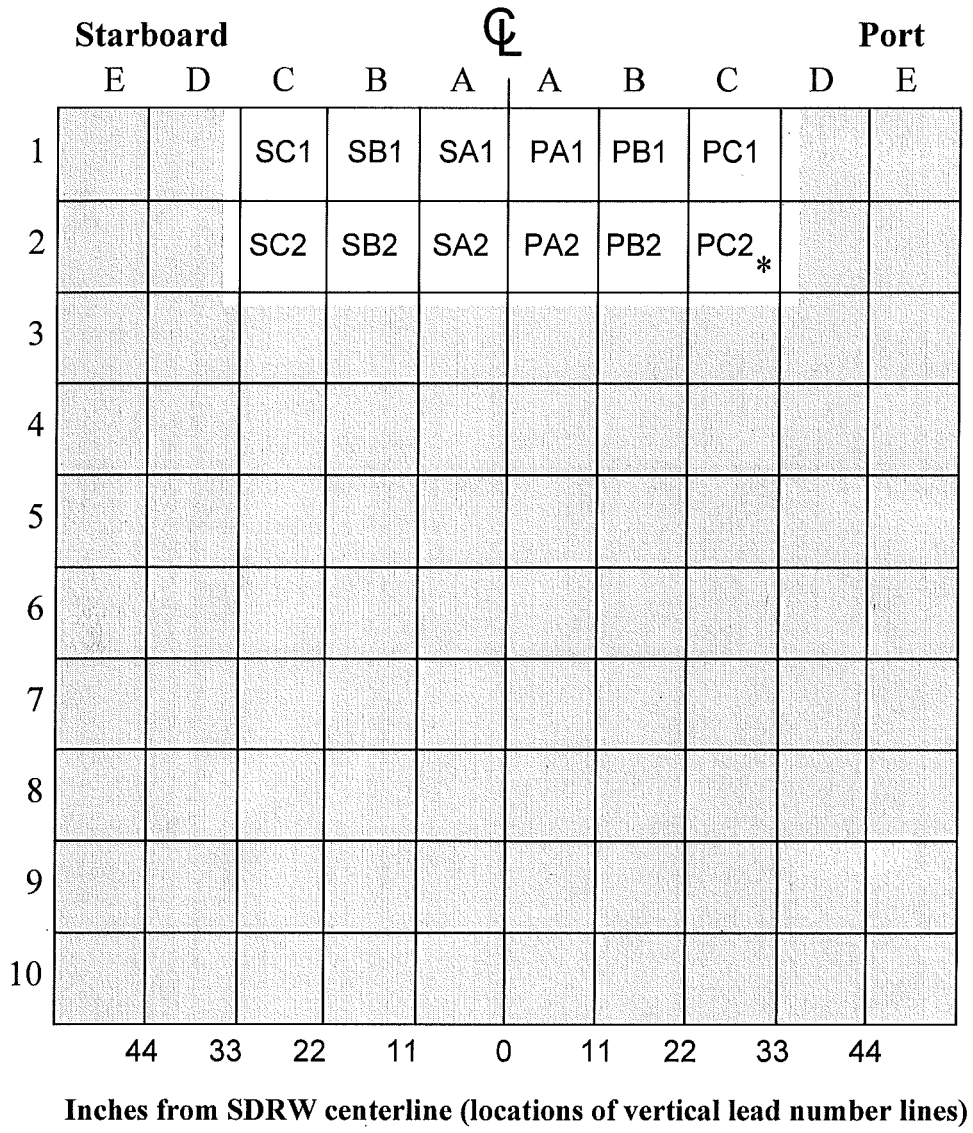

Figure 4. Standard minimum inspection area for pierside (underwater) on-schedule inspection of SDRWs with no known damage.

* Recommended penetrameter location.

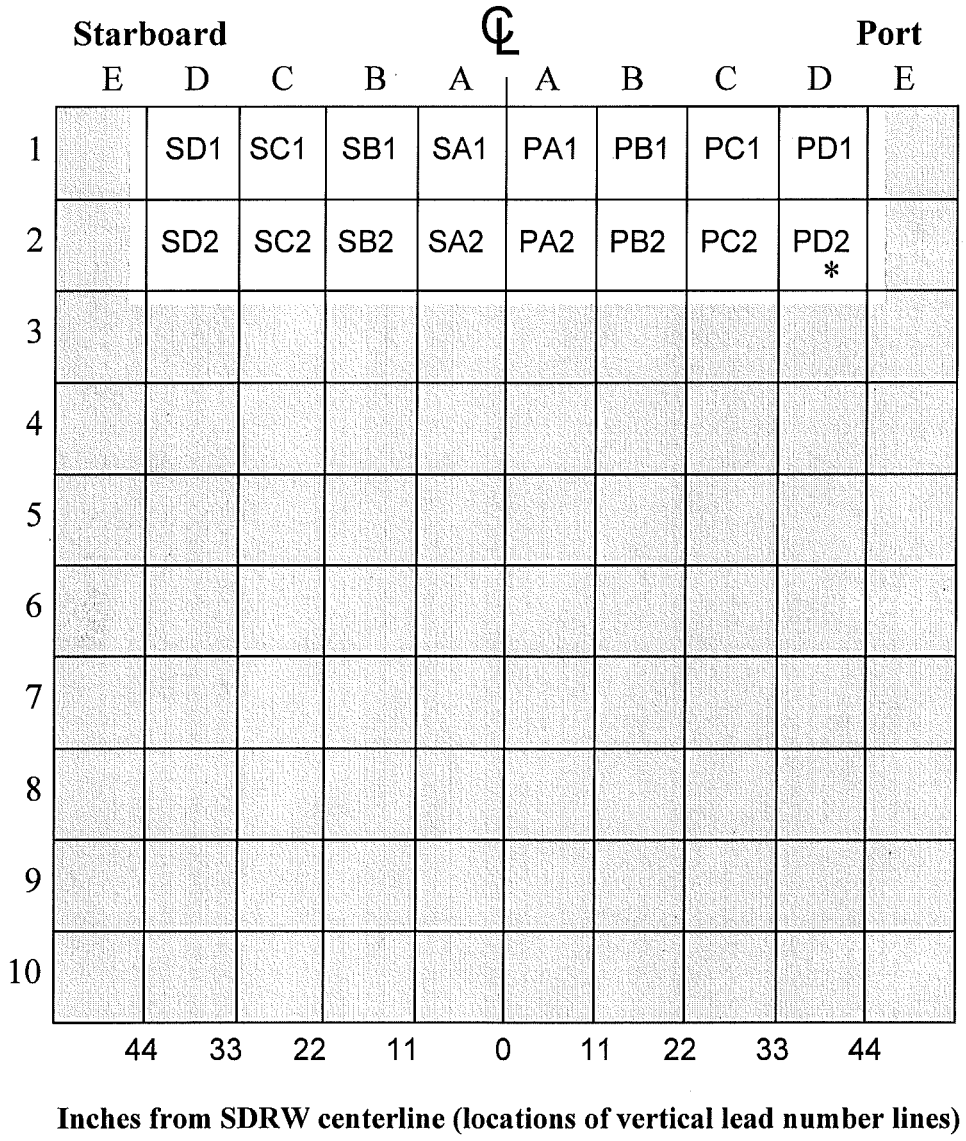

Figure 5. Standard minimum inspection area for pierside (underwater) inspection of SDRWs that have known damage or are significantly overdue. Additional exposures may be designated in terms of Figure 1.

* Recommended penetrameter location.

10/31/00 DD 963	2	2
	4	4
	6	6
	8	8
	10	10P
	12	12

10/31/00 DD 963	12	12
	14	14
	16	16
	18	18
	20PB	20PC
	22	22

Figure 6. Examples of required radiograph identification markings typical of exposures PA1 (top) and PC2. Exposures are centered on pairs of lead number lines 11 inches apart. Every 10 inches, letters identify the port or starboard side of the dome (P or S) and the 22, 33, or 44 inch number lines (B,C, or D). An ID strip along one edge contains the date and ship's hull number. Note that all markings are readable from the same view, with port to the right (as if facing the SDRW). The diagram is not to scale.