THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY
12000 Jefferson Avenue
Newport News, VA 23606

HALL D Technical Note

TITLE: Assembly of Hall D Solenoid Conductor Documents

DATE: 05June2014

BY: George Biallas

REV.	ECO#	DESCRIPTION	BY	CHK.	APP.	APP.	DATE
SUMMARY OF CHANGES FROM PREVIOUS REVISION:							

Assembly of Hall D Solenoid Conductor Documents

This document assembles the available information on the superconducting wire used in the solenoid.

Index:

Grade A Reel Number	1A	1A	2A	2A	3A	4A	5A	6A	6A	7A	7A	7A	8A	9A	9A	10A	10A	11A
Top/Bottom	Top	Bottom	Top	Bottom	Bottom	Bottom	Top	Top	Bottom	Top	Bottom	Bottom	Bottom	Top	Bottom	Top	Bottom	Top
Transverse/parallel	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Field (T)																		
4	3360	3050	3230		3370	3520	3520				3410	3540	3040	3230		3500	3600	3560
4.5	3100	2820	2840	3380	3150	3090	3050	3450	3400	3370	3140	3130	2820	2880	3420	3140	3100	3160
5	2850	2410	2450	2750	2730	2510	2740	2990	3000	2890	2680	2670	2490	2510	2920	2630	2660	2740
5.5	2380	2040	2070	2320	2320	2270	2260	2540	2550	2430	2250	2170	2140	2040	2550	2210	2290	2410
6	1890	1745	1580	1640	1900	1720	1920	2070	2080	2050	1790	1810	1800	1670	2010	1790	1850	2090
	1E/ 9,10	1E/ 9,10	4CD/ 1,2	4CD/ 1,2	1G/ 1,2	4CD/ 3,4	4CD/ 5,6	4CD/ 7,8	4CD/ 7,8	4CD/ 9,10	4CD/ 9,10	4CD/ 9,10	4CD/ 11,12	4CD/ 13,14	4CD/ 13,14	4CD/ 15,16	4CD/ 15,16	4CD/ 17,18
	1A/ 7/8	1A/ 7/8			1B/ 5,6							Odd test						

Green indicates data transferred to Subcoil Data in Tabs

Grade A Reel Number	11A	12A	12A	13A	13A	14A	14A	15A	15A	16A	16A	17A	17A
Top/Bottom	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom
Transverse/parallel	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Field (T)													
4	3740	3750	3680	3510	3670	Missing	3630	Missing	3630	3410	3500	3860	3440
4.5	3240	3340	3230	3050	3250	3500	3140	3500	3190	2980	3130	3360	3040
5	2750	2900	2700	2700	2760	2910	2640	3000	2770	2605	2770	2820	2710
5.5	2370	2450	2250	2270	2300	2410	2260	2550	2300	2265	2400	2440	2340
6	1960	2010	1850	1900	1880	2000	1860	2160	1925	1920	2035	2010	1900
	4CD/ 17,18	4CD/ 19,20	4CD/ 19,20	4CD/ 21,22	4CD/ 21,22	4CD/ 23,24	4CD/ 23,24	4CD/ 25,26	4CD/ 25,26	4CD/ 27,28	4CD/ 27,28	4CD/ 29,30	4CD/ 29,30

Grade B Reel Numbe	1	1	1	3	4	4	5	6	6	7	8	9	9	10	10	11	11	12	12
Top/Bottom	Top	Top	Bottom	Top	Top	Bottom	Bottom	Top	Bottom	Top	Top	Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom
Transverse/parallel	Parallel	Transverse	Parallel	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Field (T)																			
4	2700	2630	3050	3010	2610	2650	2730	2610	2750	2570	2620	2710	2770	2730	2610	2550	2590	2740	2710
4.5	2370	2310	2760	2770	2270	2200	2370	2300	2430	2290	2300	2370	2490	2300	2260	2250	2260	2390	2390
5	2100	1980	2240	2400	1890	1810	2000	1950	1875	1900	1950	2080	2120	1950	1870	1870	1920	2080	2090
5.5	1740	1670	1900	2050	1640	1530	1640	1680	1650	1610	1670	1750	1700	1610	1540	1580	1610	1790	1750
6	1510	1360	1570	1700	1340	1380	1300	1330	1410	1280	1380	1420	1430	1330	1300	1280	1320	1480	1470
Subcoil/Pancakes	3B/ 5,6	3B/ 5,6	3B/ 5,6	3B/ 1,2	1B/ 1,2	1B/ 1,2	3A/ 5,6	3B/ 9,10	3B/ 9,10	3C/ 1,2	3C/ 3,4	3A/ 3,4	3A/ 3,4	2B/ 3,4	2B/ 3,4	1F/ 5,6	1F/ 5,6	2B/ 5,6	2B/ 5,6
	3B/ 11,12	3B/ 11,12	3B/ 11,12	3D/ 7,8	3B/ 3,4	3B/ 3,4	3B/ 7,8	3C/ 7,8	3C/ 7,8	3D/ 3,4	3C/ 5,6	3D/ 1,2	3D/ 1,2	2C/ 3,4	2C/ 3,4			3A/ 11,12	3A/ 11,12
				3D/ 9,9						3D/ 5,6									

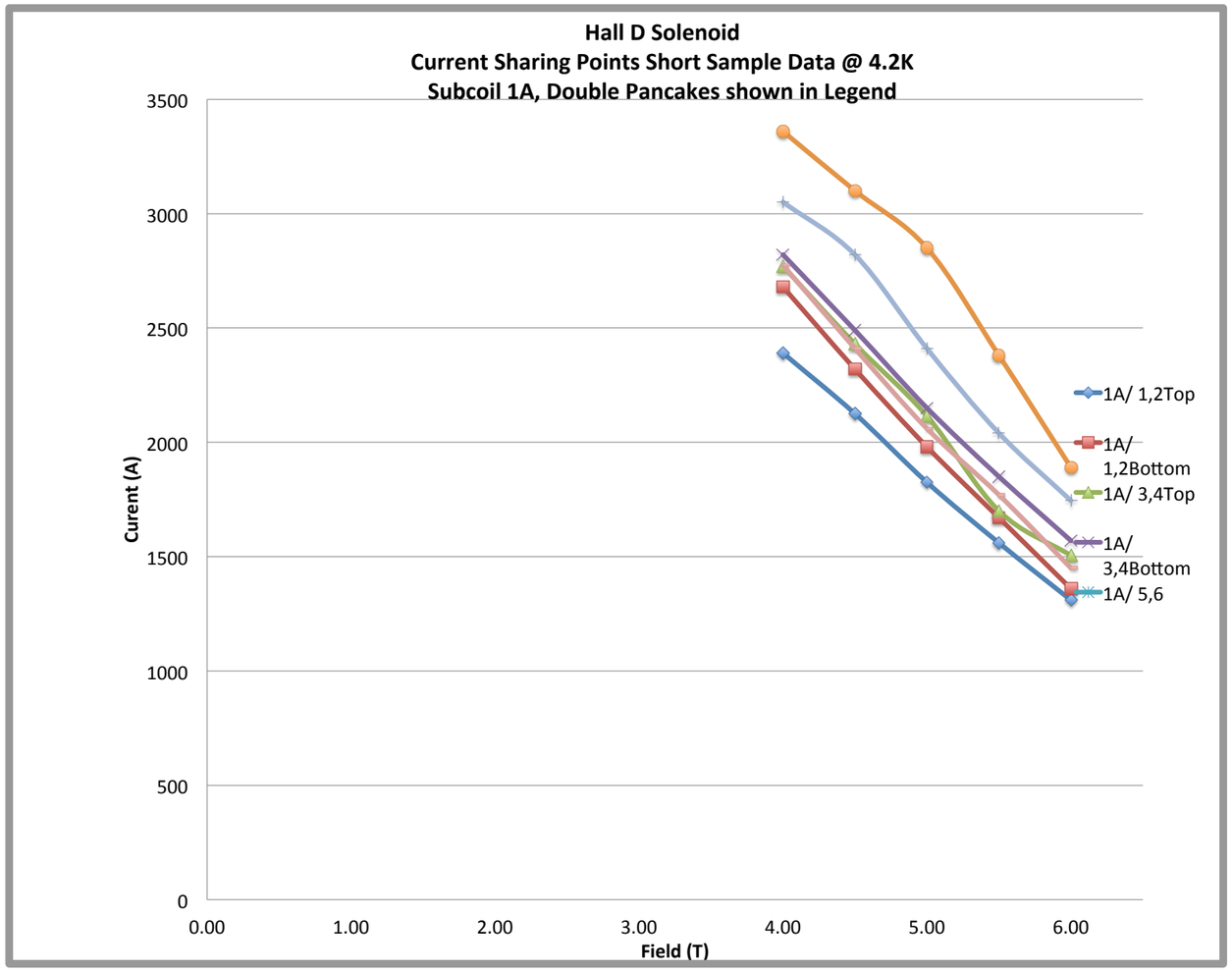
Green indicates data transferred to Subcoil Data in Tabs

Grade B Reel Numbe	13	14	14	15	15	16	17	18	18	19	19	20	20	21	21	22	22	23	24
Top/Bottom	Bottom	Top	Bottom	Top	Bottom	Top	Top	Top	Bottom	Top	Bottom	Top	Bottom	Bottom	Bottom	Bottom	Bottom	Top	Top
Transverse/parallel	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Field (T)																			
4	2700	2730	2500	2800	2590	2700	2560	2640	2620	2490	2610	2610	2600	2510	2480	2530	2590	2520	2250
4.5	2360	2400	2240	2400	2260	2490	2420	2330	2270	2160	2300	2300	2250	2190	2170	2160	2270	2250	2030
5	2000	2030	1930	2080	1800	2000	1910	1980	1960	1890	1950	1960	1950	1890	1860	1860	1960	1920	1820
5.5	1700	1710	1610	1740	1570	1600	1610	1670	1650	1560	1660	1670	1650	1580	1540	1580	1660	1650	1580
6	1410	1410	1330	1430	1300	1370	1310	1410	1360	1270	1350	1400	1360	1300	1260	1290	1400	1360	1300
Subcoil/Pancakes	3A/ 1,2	2B/ 1,2	2B/ 1,2	1D/ 7,8	1D/ 7,8	2B/ 7,8	2C/ 5,6	2C/ 11,12	2C/ 11,12	2C/ 7,8	2C/ 7,8	2D/ 7,8	2D/ 7,8	2D/ 5,6	2D/ 5,6	2D/ 11,12	2D/ 11,12	2A/ 1,2	2A/ 3,4
	3D/ 11,12	3A/ 9,10	3A/ 9,10	3A/ 7,8	3A/ 7,8	2C/ 1,2		2D/ 1,2	2D/ 1,2	2D/ 3,4	2D/ 3,4	2D/ 9,10	2D/ 9,10	2C/ 9,10	2C/ 9,10	1E/ 3,4	1E/ 3,4		1C/1,2

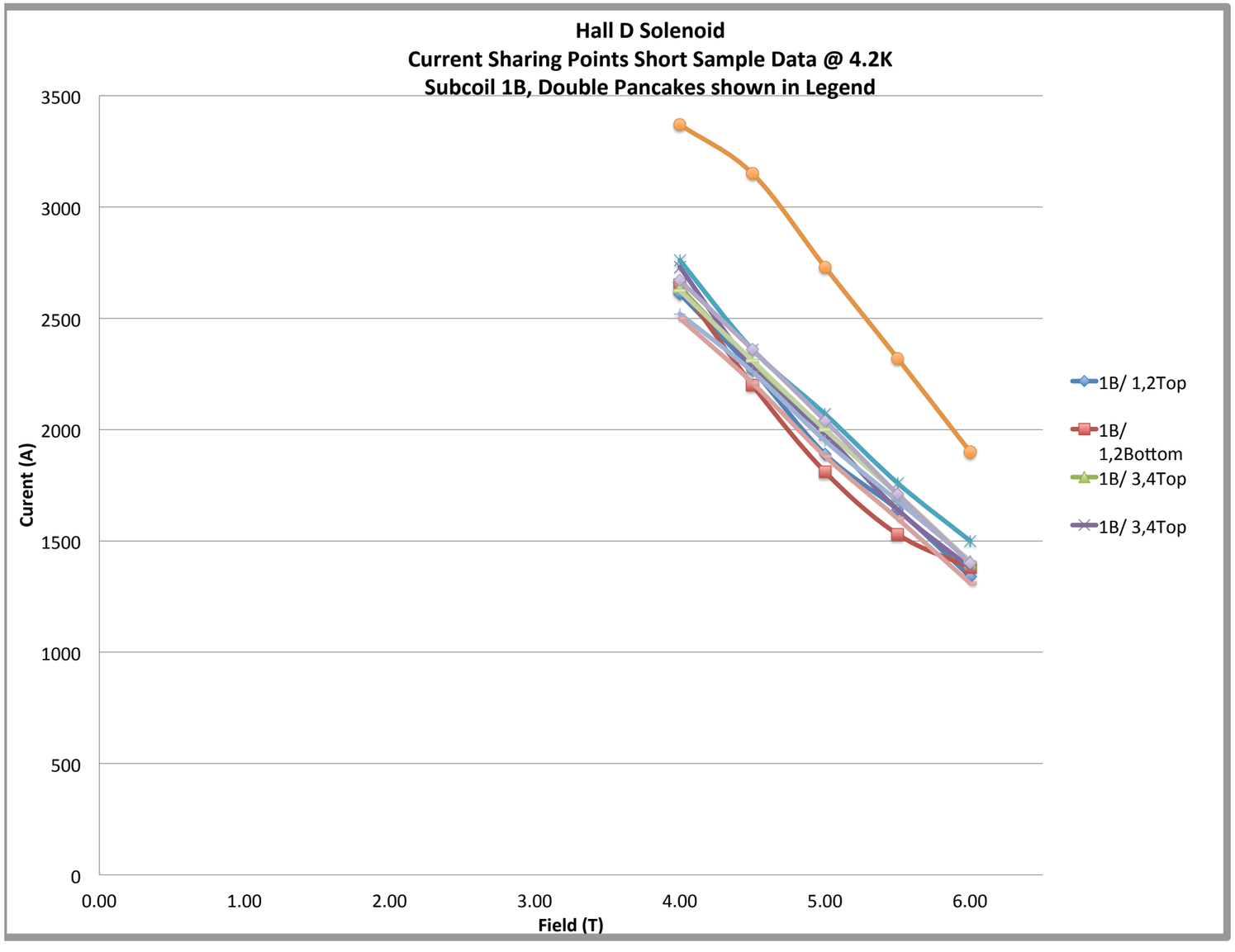
Grade B Reel Numbe	24	25	26	27	28	29	30	30	31	31	32	32	33	33	33	34	34	35	36
Top/Bottom	Bottom	Top	Top	Top	Top	Top	Top	Bottom	Top	Bottom	Top	Bottom	Top	Bottom	Bottom	Top	Bottom	Bottom	Top
Transverse/parallel	Transverse	Transverse	Transverse	Transverse	Transverse	transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Field (T)																			
4	2750	2730	2710	2790	2740	3050	2390	2940	2770	2820	2250	2780	2350	2760	2740	2520	2500	2775	2640
4.5	2380	2490	2440	2340	2410	2760	2160	2510	2430	2490	2000	2410	2010	2470	2480	2260	2210	2410	2300
5	2050	2110	2030	1970	2060	2350	1870	2250	2115	2150	1820	2070	1720	2080	2140	1950	1880	2060	2000
5.5	1750	1820	1740	1630	1750	1970	1590	1870	1700	1850	1590	1750	1450	1810	1800	1680	1600	1770	1710
6	1440	1500	1490	1410	1450	1650	1260	1590	1505	1570	1340	1480	1090	1500	1500	1410	1310	1450	1405
Subcoil/Pancakes	2A/ 3,4	2A/ 5,6	2A/ 7,8	2A/ 9,10	2A/ 11,12	1A/ 11,12	1G/ 3,4	1G/ 3,4	1A/ 3,4	1A/ 3,4	1G/ 5,6	1G/ 5,6	1F/ 7,8	1F/ 7,8	1F/ 7,8	1B/ 7,8	1B/ 7,8	1A/ 9,10	1B/ 3,4
	1C/1,2	4AB/ 9,10	1C/ 3,4	1C/ 5,6	1C/ 7,8	4AB/ 3,4	1D/ 1,2	1D/ 1,2	4AB/ 5,6	4AB/ 5,6	1D/ 3,4	1D/ 3,4	1D/ 5,6	1D/ 5,6	1D/ 5,6	4AB/ 1,2	4AB/ 1,2	4AB/ 11,12	4AB/ 7,8

Grade B Reel Numbe	36	36	37	38	38	38	39	40	40	41	41	43
Top/Bottom	Top	Bottom	Top	Top	Top	Bottom	Bottom	Top	Bottom	Top	Bottom	Top
Transverse/parallel	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Field (T)												
4	2730	2760	2670	2610	2640	2520	2625	2540	2360	2390	2680	2840
4.5	2280	2360	2360	2290	2310	2250	2310	2350	2140	2125	2320	2510
5	1980	2070	2040	2020	2000	1850	2000	1980	1900	1825	1980	2180
5.5	1640	1760	1710	1680	1690	1600	1710	1680	1620	1560	1670	1870
6	1380	1500	1400	1430	1360	1360	1405	1380	1320	1310	1360	1580
Subcoil/Pancakes	1B/ 3,4	1B/ 3,4	1B/ 11,12	1G/ 7,8	1G/ 7,8	1G/ 7,8	1B/ 9,10	1E/ 1,2	1E/ 1,2	1A/ 1,2	1A/ 1,2	1F/ 3,4
	4AB/ 7,8	4AB/ 7,8	1E/ 7,8				1E/ 5,6	1E/ 11,12	1E/ 11,12			1F/ 1,2

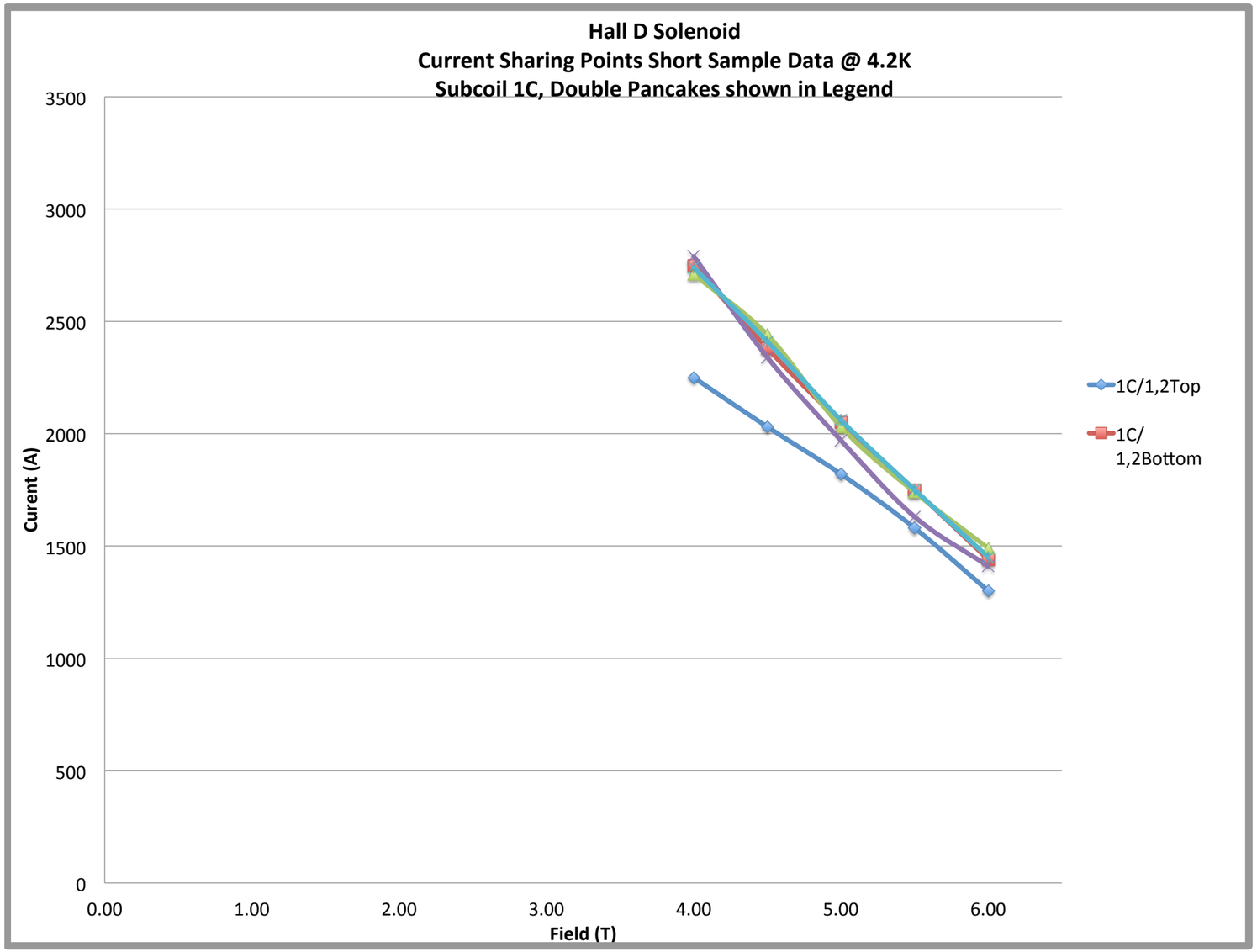
Reel Number		41	41	31	31	42	1A	1A	35
Transverse/parallel		Transverse	Transverse	Transverse	Transverse		Transverse	Transverse	Transverse
						No Data			
Subcoil/Pancakes		1A/ 1,2Top	/ 1,2Bottom	1A/ 3,4Top	/ 3,4Bottom	1A/ 5,6	1A/ 7/8Top	/ 7/8Bottom	9,10Bottom
	4	2390	2680	2770	2820		3360	3050	2775
Field	4.5	2125	2320	2430	2490		3100	2820	2410
(T)	5	1825	1980	2115	2150		2850	2410	2060
	5.5	1560	1670	1700	1850		2380	2040	1770
	6	1310	1360	1505	1570		1890	1745	1450



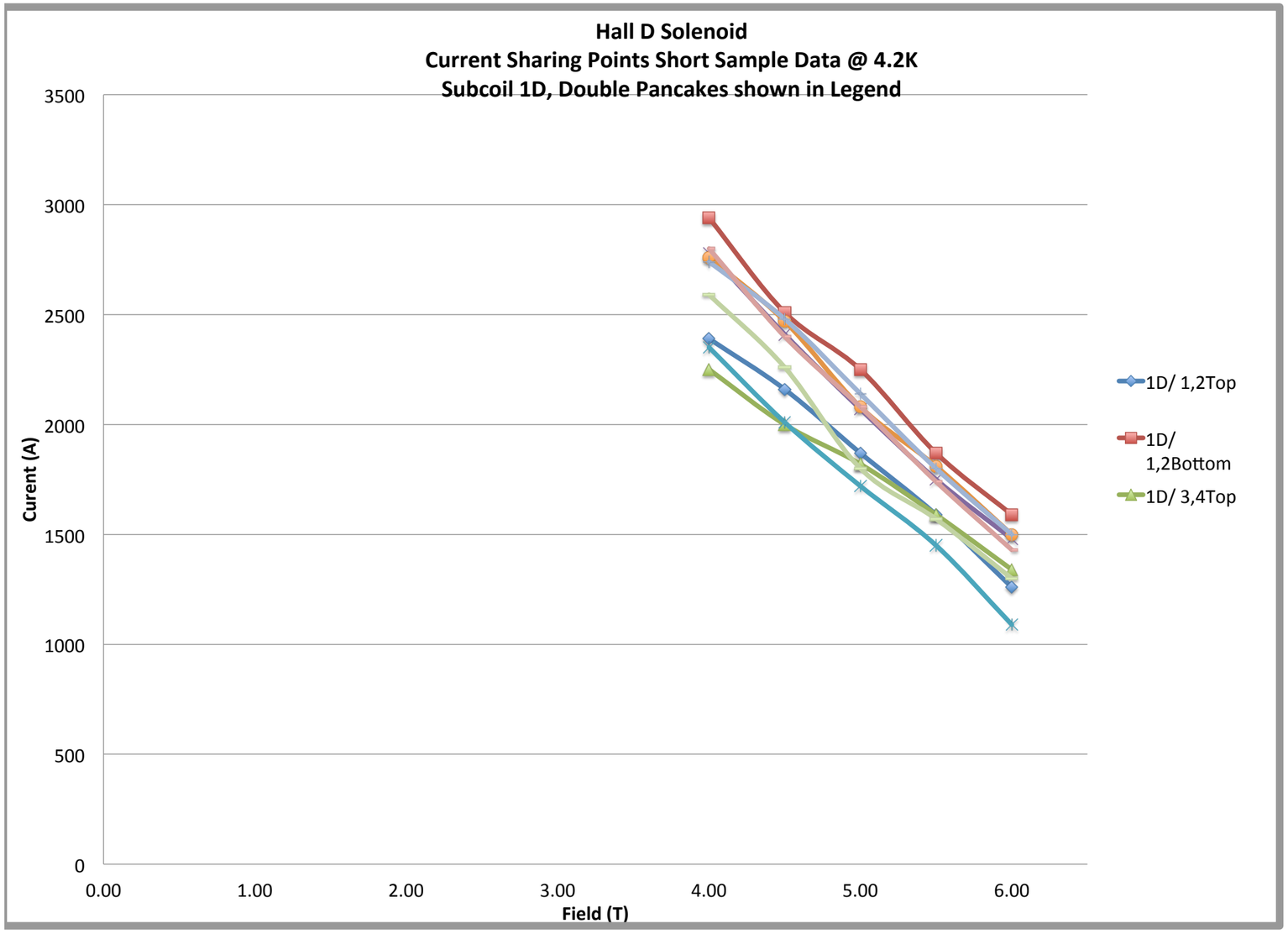
Reel Number		4	4	36	36	36	3A	34	34	39	37
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		1B/ 1,2Top	1B/ 1,2Bottom	1B/ 3,4Top	1B/ 3,4Top	1B/ 3,4Bottom	1B/ 5,6Bottom	1B/ 7,8Top	1B/ 7,8Bottom	1B/ 9,10Bottom	1B/ 11,12Top
	4	2610	2650	2640	2730	2760	3370	2520	2500	2625	2670
Field	4.5	2270	2200	2300	2280	2360	3150	2260	2210	2310	2360
(T)	5	1890	1810	2000	1980	2070	2730	1950	1880	2000	2040
	5.5	1640	1530	1710	1640	1760	2320	1680	1600	1710	1710
	6	1340	1380	1405	1380	1500	1900	1410	1310	1405	1400



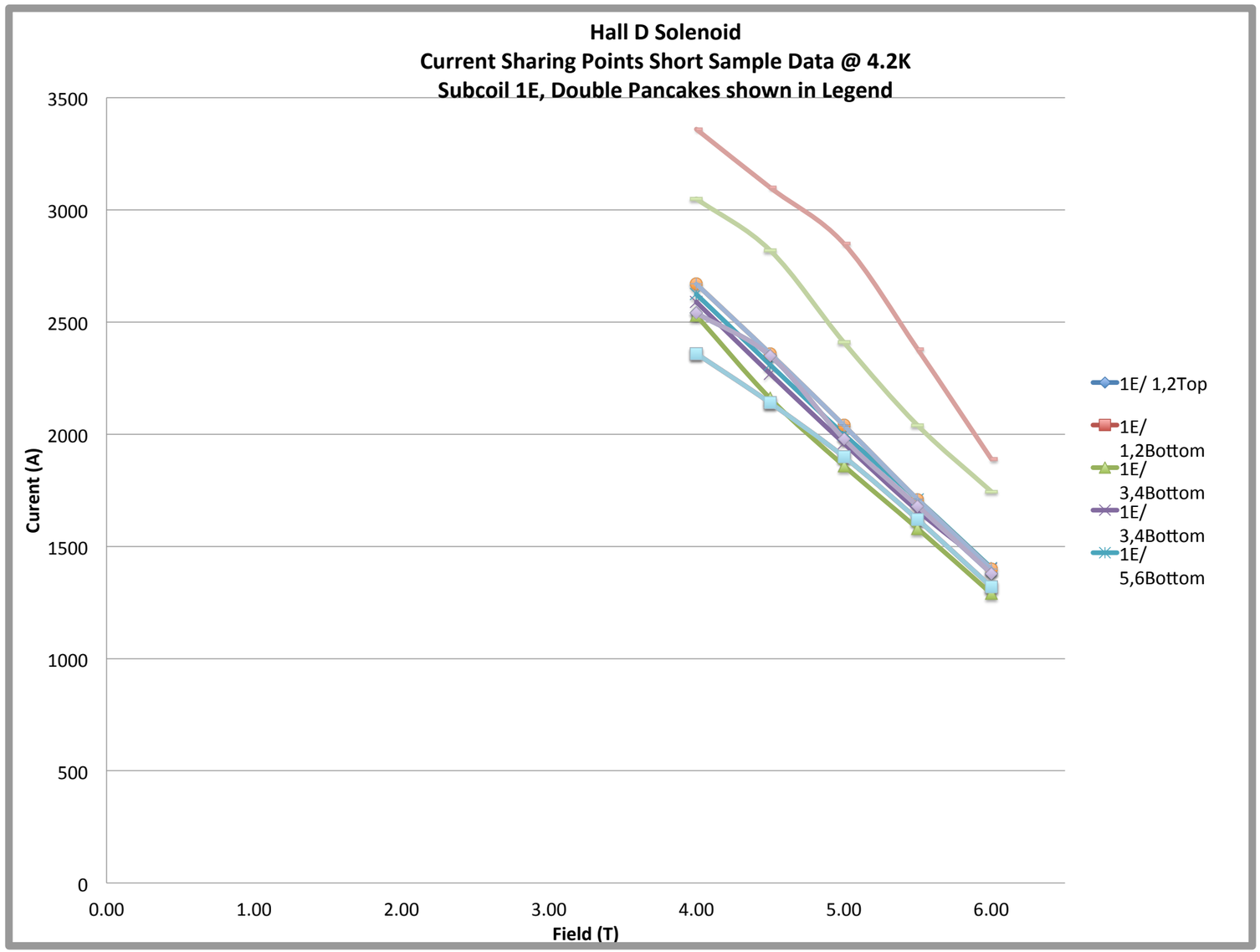
Reel Number		24	24	26	27	28
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		1C/1,2Top	1C/1,2Bottor	1C/ 3,4Top	1C/ 5,6Top	1C/ 7,8Top
	4	2250	2750	2710	2790	2740
Field	4.5	2030	2380	2440	2340	2410
(T)	5	1820	2050	2030	1970	2060
	5.5	1580	1750	1740	1630	1750
	6	1300	1440	1490	1410	1450



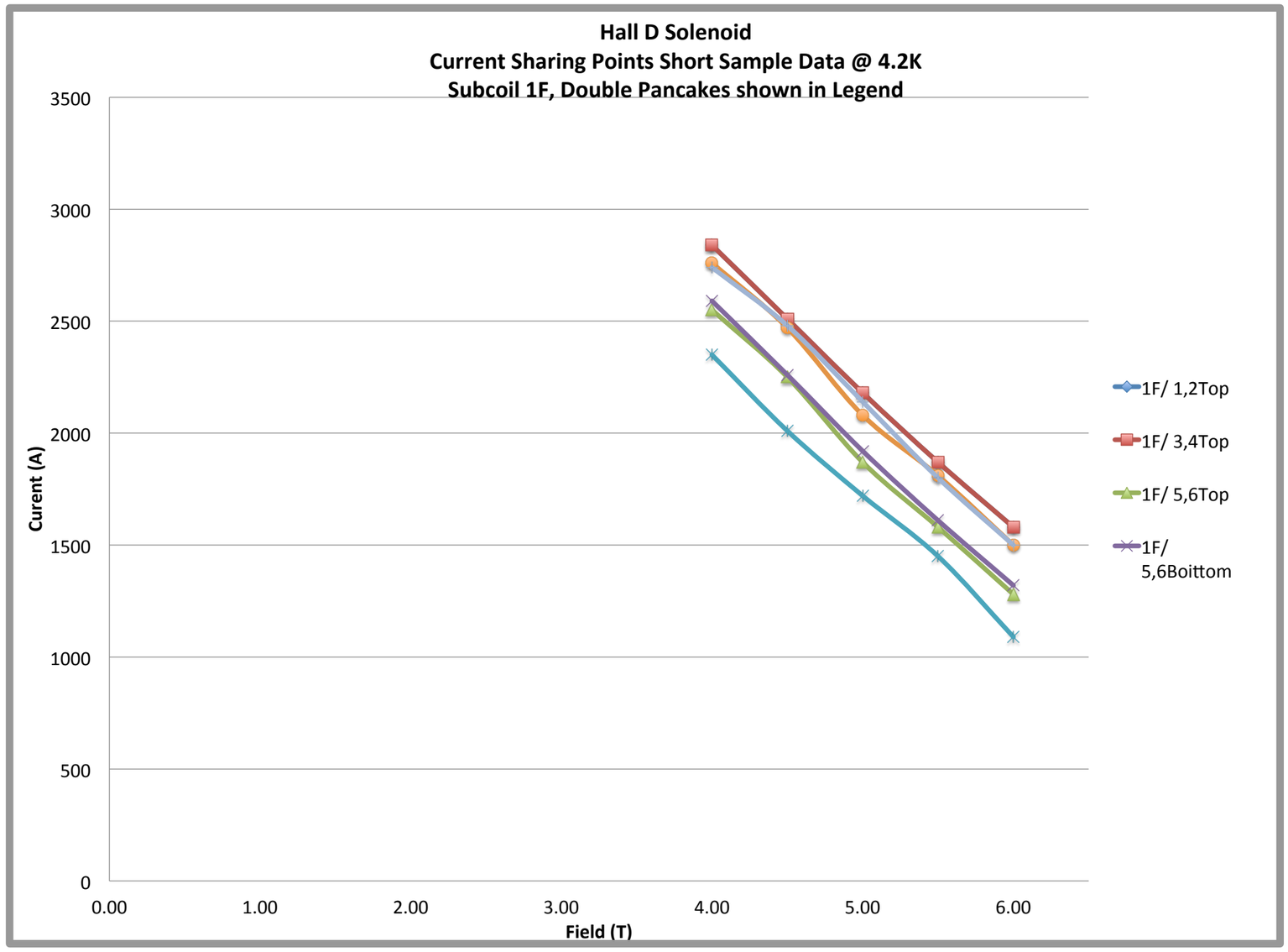
Reel Number		30	30	32	32	33	33	33	15	15
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		1D/ 1,2Top	1D/ 1,2Bottom	1D/ 3,4Top	1D/ 3,4Bottom	1D/ 5,6Top	1D/ 5,6Bottom	1D/ 5,6Bottom	1D/ 7,8Top	1D/ 7,8Bottom
	4	2390	2940	2250	2780	2350	2760	2740	2800	2590
Field	4.5	2160	2510	2000	2410	2010	2470	2480	2400	2260
(T)	5	1870	2250	1820	2070	1720	2080	2140	2080	1800
	5.5	1590	1870	1590	1750	1450	1810	1800	1740	1570
	6	1260	1590	1340	1480	1090	1500	1500	1430	1300
						Questioned				



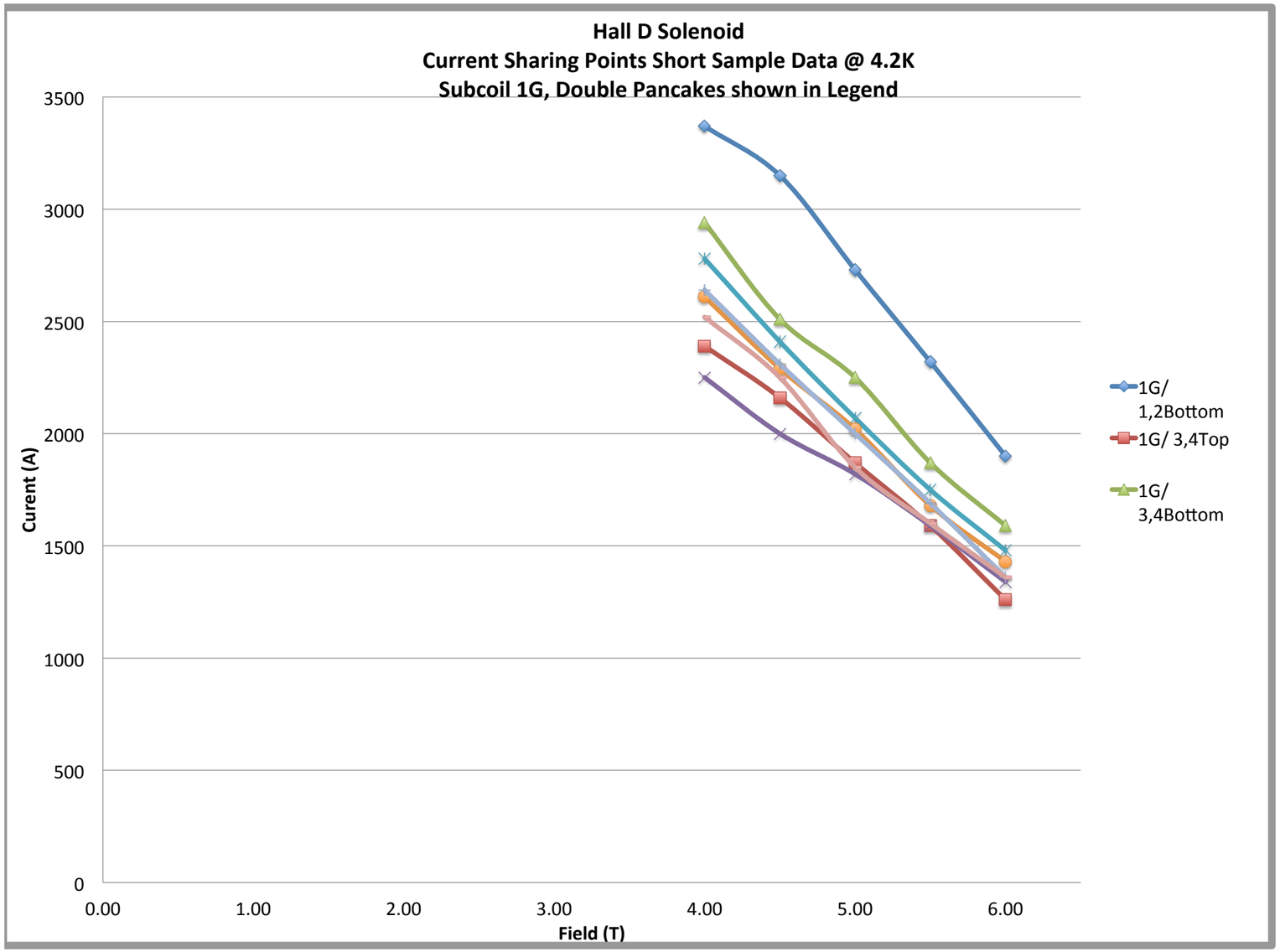
Reel Number		40	40	22	22	39	37	37	1A	1A	40	40
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		1E/ 1,2Top	1E/ 1,2Botto	1E/ 3,4Botto	1E/ 3,4Botto	1E/ 5,6Botto	1E/ 7,8Top	1E/ 7,8Top	1E/ 9,10Top	1E/ 9,10Bott	1E/ 11,12Top	1E/ 11,12Bottom
	4	2540	2360	2530	2590	2625	2670	2670	3360	3050	2540	2360
Field	4.5	2350	2140	2160	2270	2310	2360	2360	3100	2820	2350	2140
(T)	5	1980	1900	1860	1960	2000	2040	2040	2850	2410	1980	1900
	5.5	1680	1620	1580	1660	1710	1710	1710	2380	2040	1680	1620
	6	1380	1320	1290	1400	1405	1400	1400	1890	1745	1380	1320



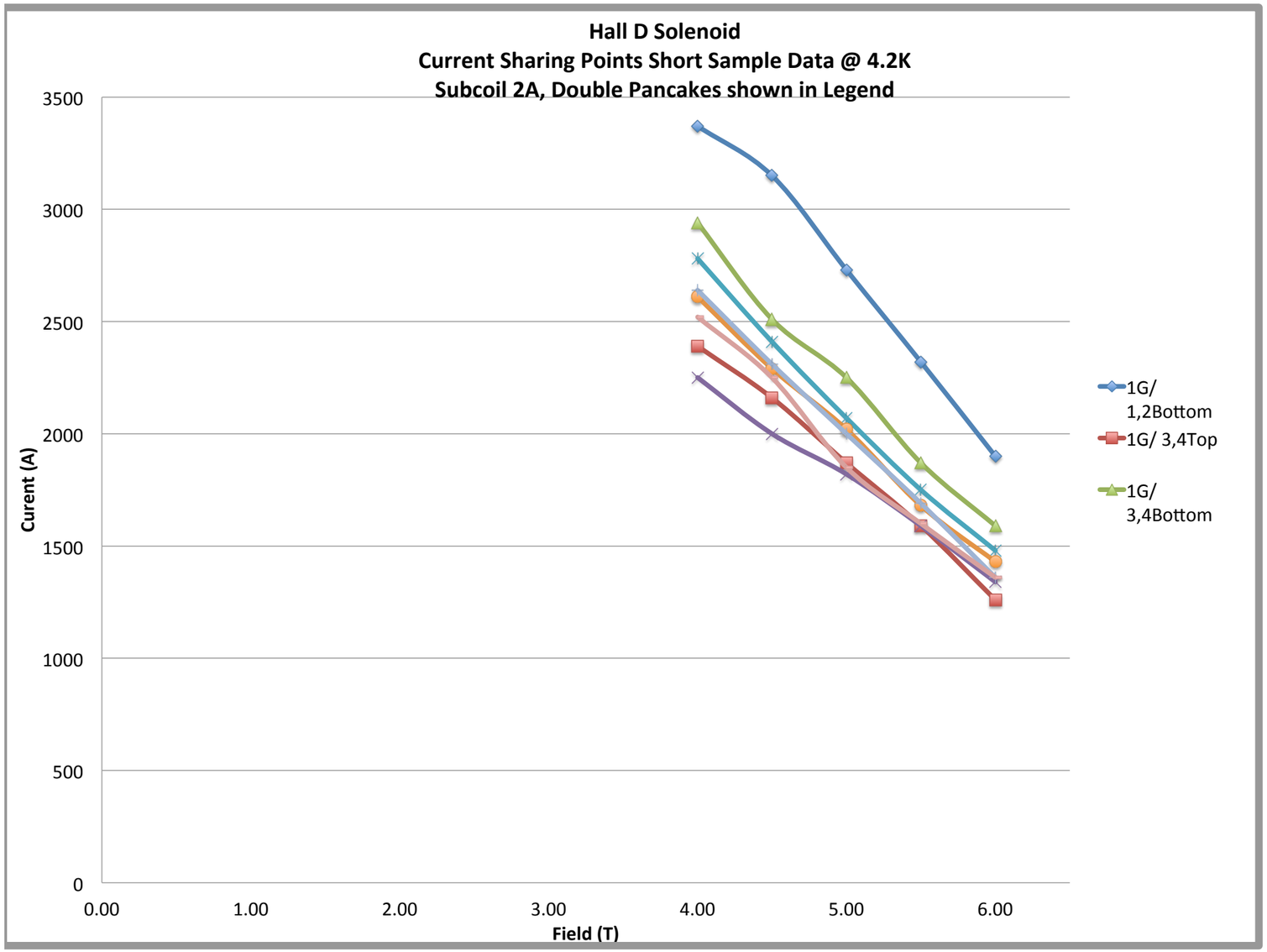
Reel Number		43	43	11	11	33	33	33
Parallel/ transverse		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		1F/ 1,2Top	1F/ 3,4Top	1F/ 5,6Top	1F/ 5,6Boitto	1F/ 7,8Top	1F/ 7,8Botto	1F/ 7,8Bottom
	4	2840	2840	2550	2590	2350	2760	2740
Field	4.5	2510	2510	2250	2260	2010	2470	2480
(T)	5	2180	2180	1870	1920	1720	2080	2140
	5.5	1870	1870	1580	1610	1450	1810	1800
	6	1580	1580	1280	1320	1090	1500	1500



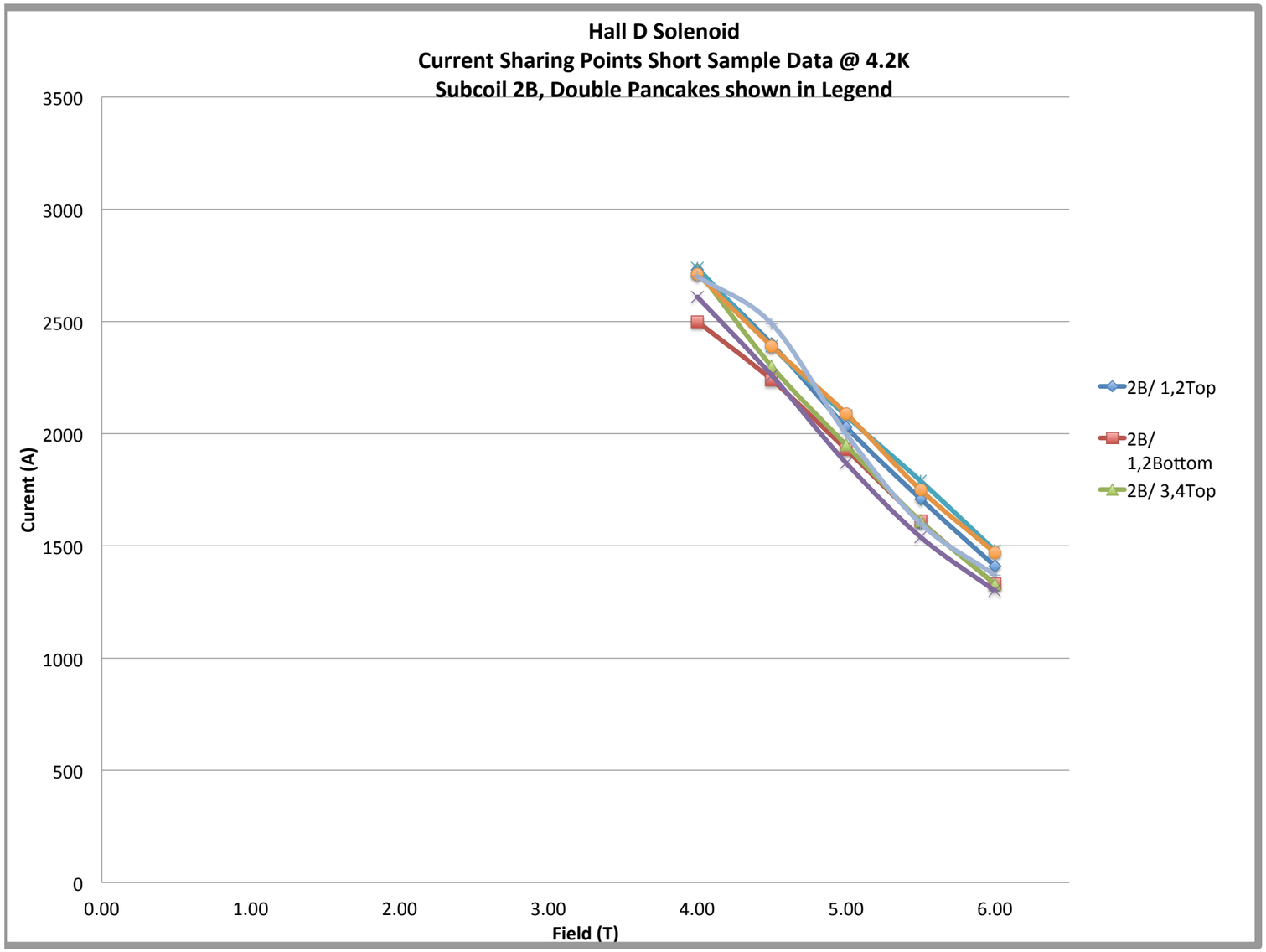
Reel Number		3A	30	30	32	32	38	38	38
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		1G/ 1,2Botto	1G/ 3,4Top	1G/ 3,4Botto	1G/ 5,6Top	1G/ 5,6Botto	1G/ 7,8Top	1G/ 7,8Top	1G/ 7,8Bottom
	4	3370	2390	2940	2250	2780	2610	2640	2520
Field	4.5	3150	2160	2510	2000	2410	2290	2310	2250
(T)	5	2730	1870	2250	1820	2070	2020	2000	1850
	5.5	2320	1590	1870	1590	1750	1680	1690	1600
	6	1900	1260	1590	1340	1480	1430	1360	1360



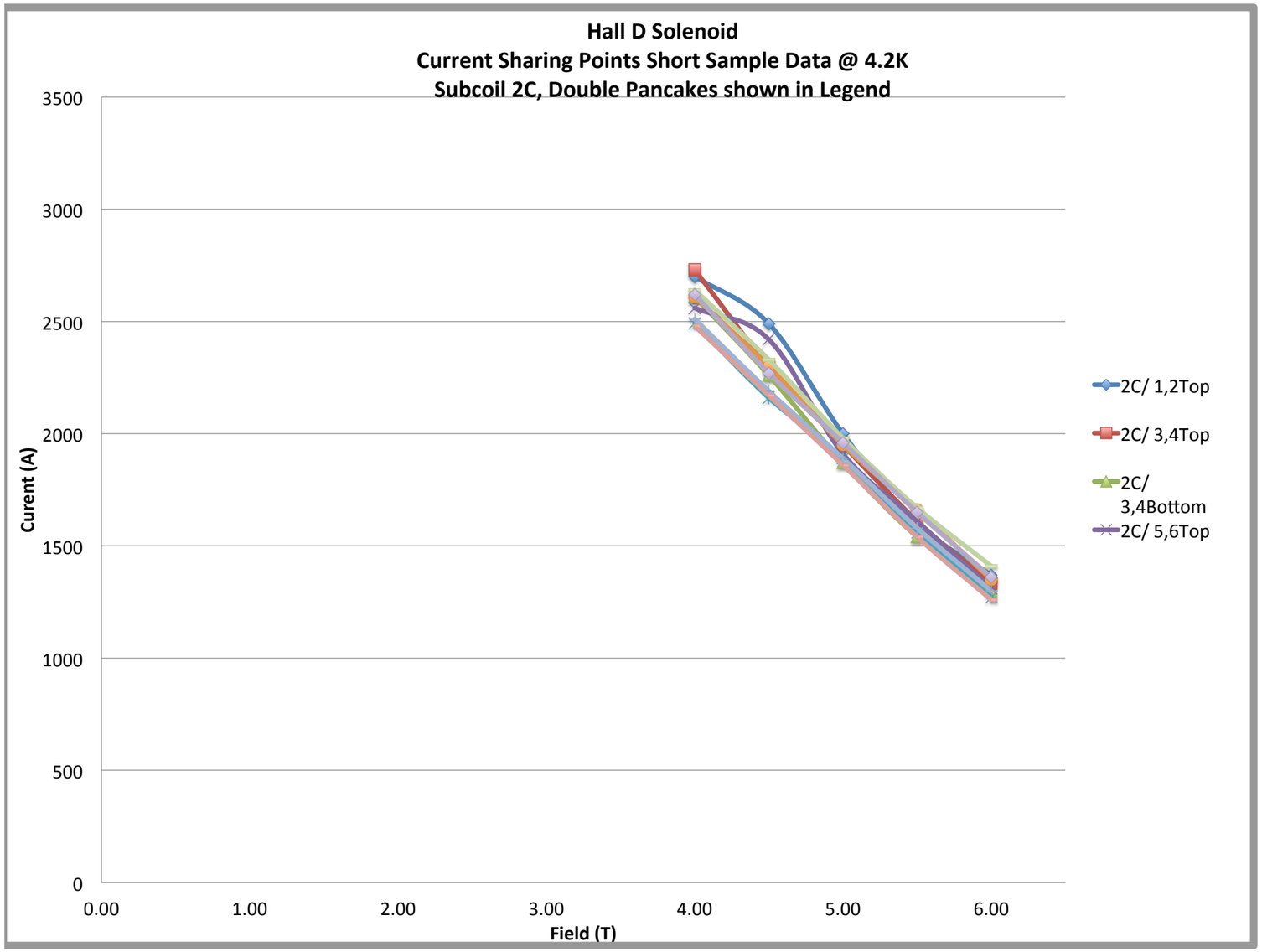
Reel Number		23	24	24	25	26	27	28
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		2A/ Top	2A/ 3,4Top	2A/ 3,4Botto	2A/ 5,6Top	2A/ 7,8Top	2A/ 9,10Top	2A/ 11,12Top
	4	2520	2250	2750	2730	2710	2790	2740
Field	4.5	2250	2030	2380	2490	2440	2340	2410
(T)	5	1920	1820	2050	2110	2030	1970	2060
	5.5	1650	1580	1750	1820	1740	1630	1750
	6	1360	1300	1440	1500	1490	1410	1450



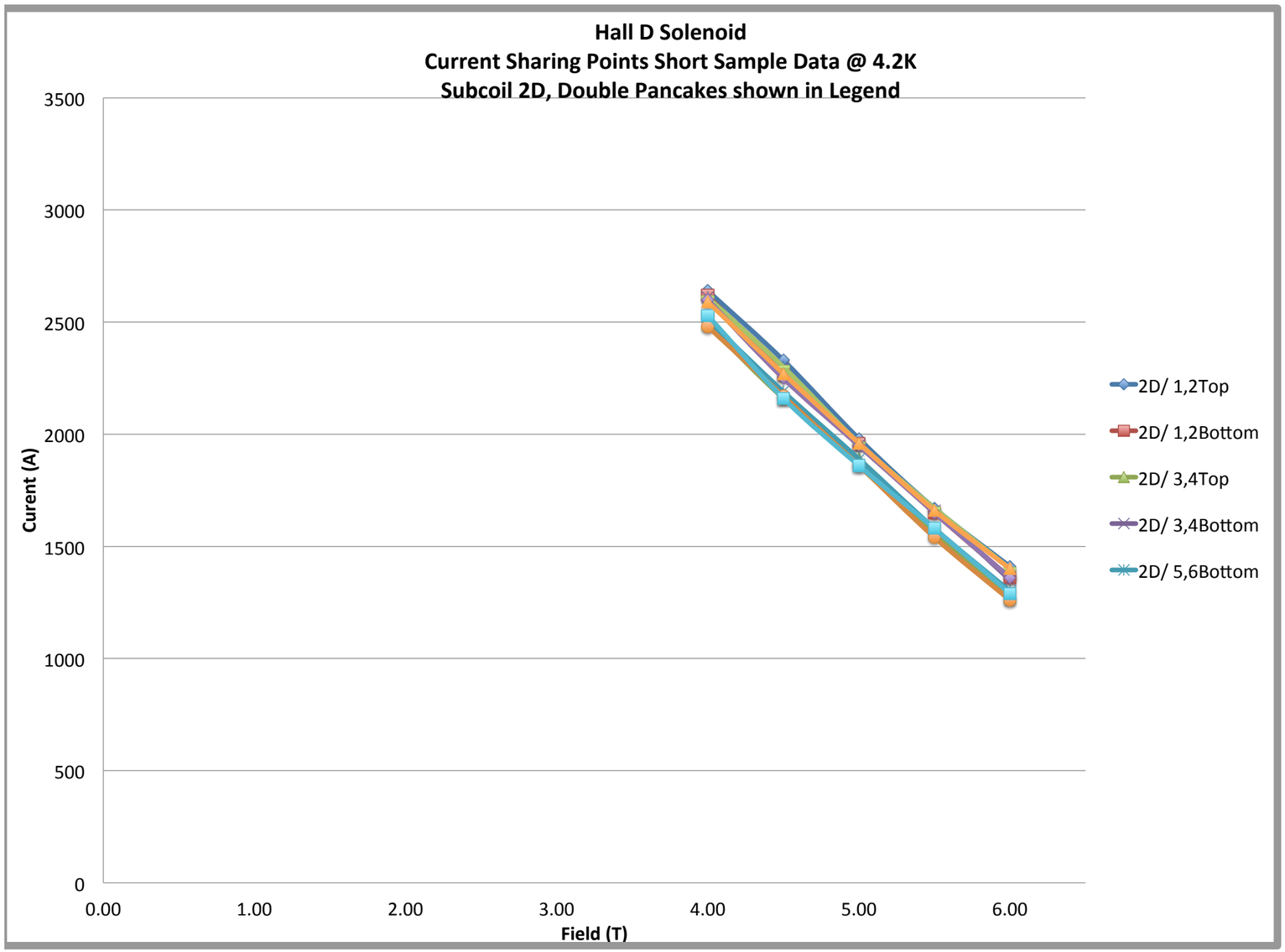
Reel Number		14	14	10	10	12	12	16
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		2B/ 1,2Top	2B/ 1,2Botto	2B/ 3,4Top	2B/ 3,4Botto	2B/ 5,6Top	2B/ 5,6Botto	2B/ 7,8Top
	4	2730	2500	2730	2610	2740	2710	2700
Field	4.5	2400	2240	2300	2260	2390	2390	2490
(T)	5	2030	1930	1950	1870	2080	2090	2000
	5.5	1710	1610	1610	1540	1790	1750	1600
	6	1410	1330	1330	1300	1480	1470	1370



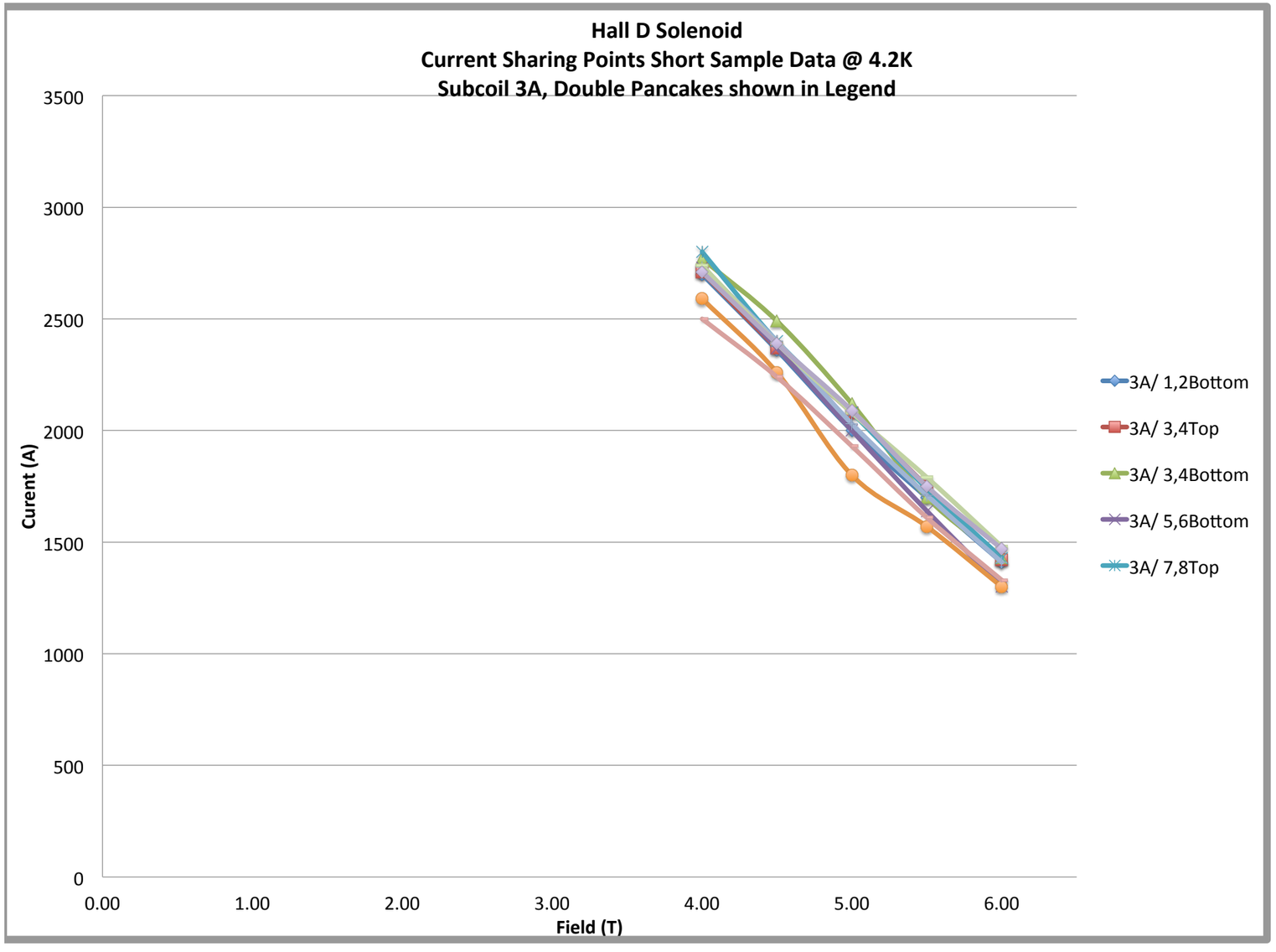
Reel Number		16	10	10	17	19	19	21	21	18	18
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		2C/ 1,2Top	2C/ 3,4Top	2C/ 3,4Botto	2C/ 5,6Top	2C/ 7,8Top	2C/ 7,8Botto	2C/ 9,10Bott	2C/ 9,10Bott	2C/ 11,12Top	2C/ 11,12Bottom
	4	2700	2730	2610	2560	2490	2610	2510	2480	2640	2620
Field	4.5	2490	2300	2260	2420	2160	2300	2190	2170	2330	2270
(T)	5	2000	1950	1870	1910	1890	1950	1890	1860	1980	1960
	5.5	1600	1610	1540	1610	1560	1660	1580	1540	1670	1650
	6	1370	1330	1300	1310	1270	1350	1300	1260	1410	1360



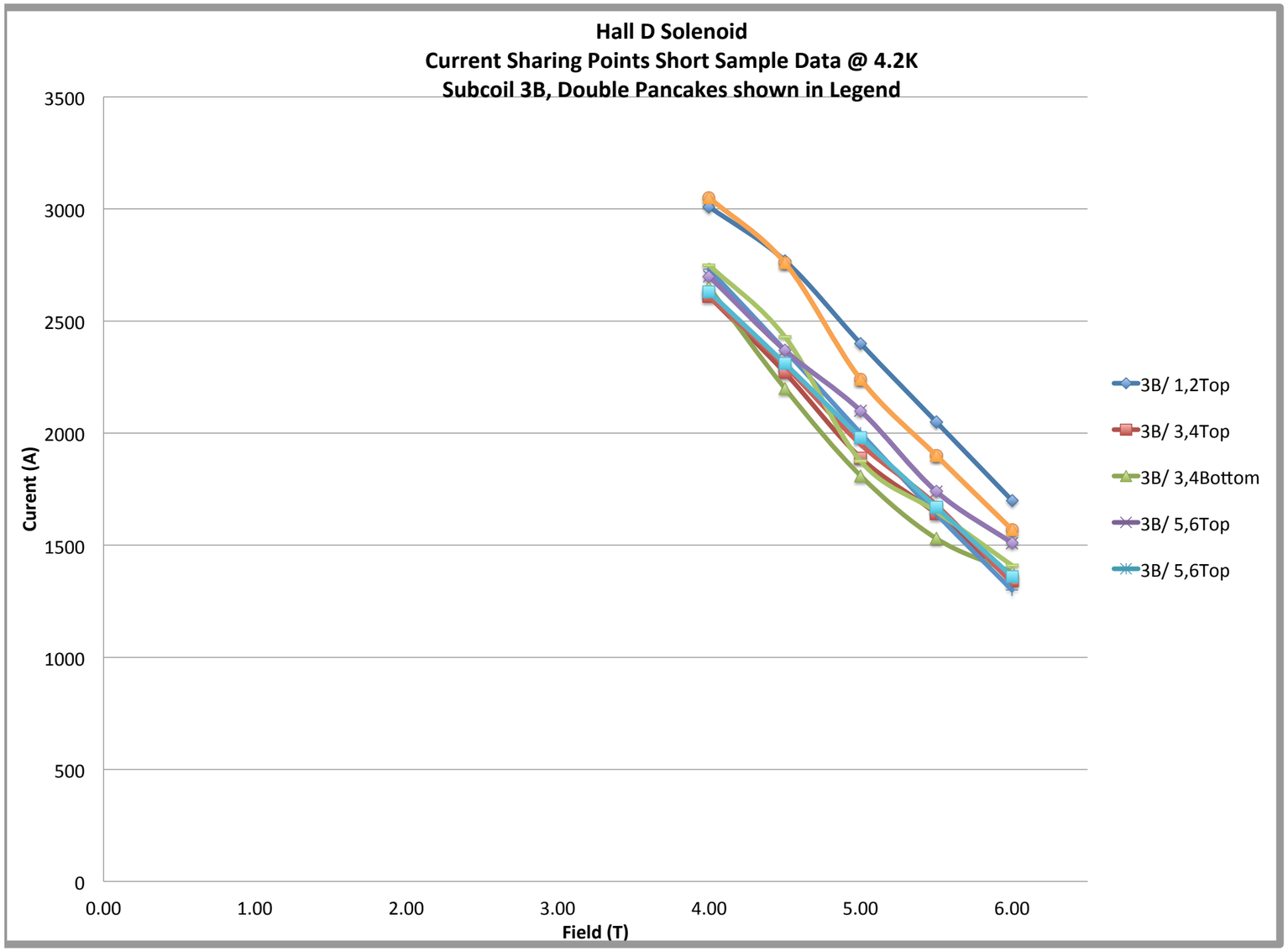
Reel Number		18	18	19	19	21	21	20	20	20	20	22	22
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		2D/ 1,2Top	2D/ 1,2Botto	2D/ 3,4Top	2D/ 3,4Botto	2D/ 5,6Botto	2D/ 5,6Botto	2D/ 7,8Top	2D/ 7,8Botto	2D/ 9,10Top	2D/ 9,10Bott	2D/ 11,12Bo	2D/ 11,12Bottom
	4	2640	2620	2490	2610	2510	2480	2610	2600	2610	2600	2530	2590
Field	4.5	2330	2270	2160	2300	2190	2170	2300	2250	2300	2250	2160	2270
(T)	5	1980	1960	1890	1950	1890	1860	1960	1950	1960	1950	1860	1960
	5.5	1670	1650	1560	1660	1580	1540	1670	1650	1670	1650	1580	1660
	6	1410	1360	1270	1350	1300	1260	1400	1360	1400	1360	1290	1400



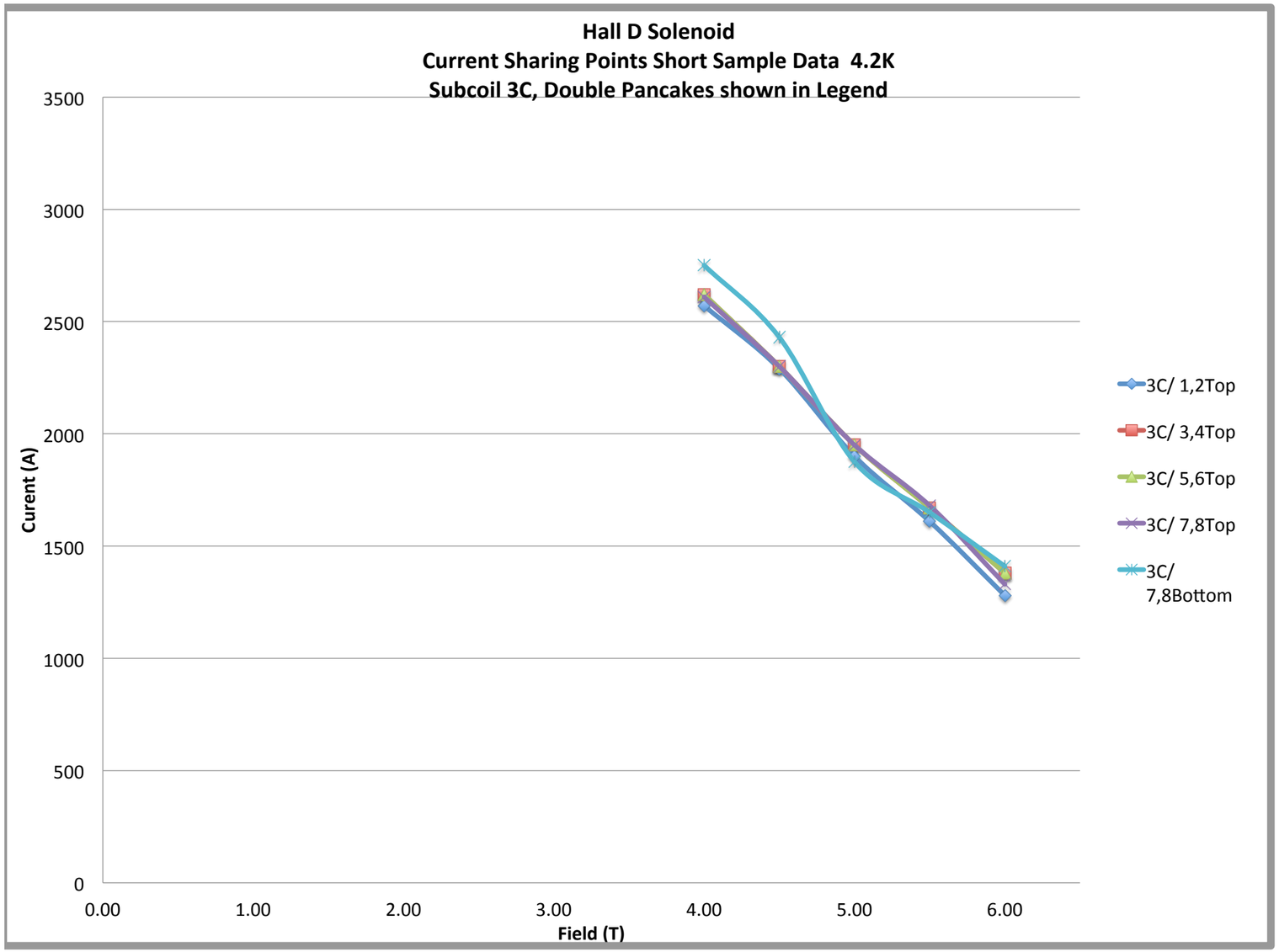
Reel Number		13	9	9	5	15	15	14	14	12	12
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		3A/ 1,2Botto	3A/ 3,4Top	3A/ 3,4Botto	3A/ 5,6Botto	3A/ 7,8Top	3A/ 7,8Botto	3A/ 9,10Top	3A/ 9,10Bott	3A/ 11,12Top	3A/ 11,12Bottom
	4	2700	2710	2770	2730	2800	2590	2730	2500	2740	2710
Field	4.5	2360	2370	2490	2370	2400	2260	2400	2240	2390	2390
(T)	5	2000	2080	2120	2000	2080	1800	2030	1930	2080	2090
	5.5	1700	1750	1700	1640	1740	1570	1710	1610	1790	1750
	6	1410	1420	1430	1300	1430	1300	1410	1330	1480	1470



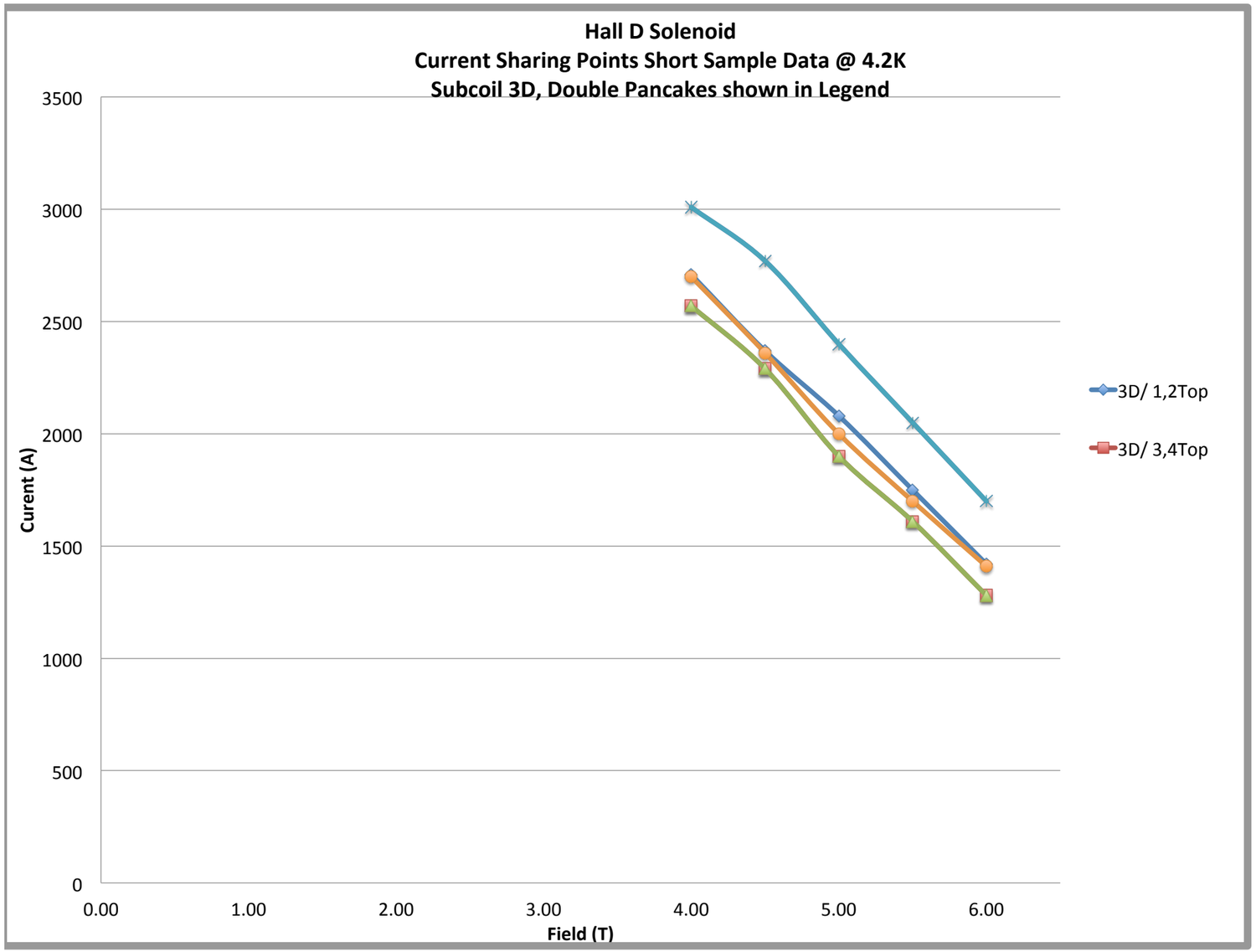
Reel Number		3	4	4	1	1	1	5	6	6	1	1	1
Transverse/parallel		Transverse	Transverse	Transverse	Parallel	Transverse	Parallel	Transverse	Transverse	Transverse	Parallel	Transverse	Parallel
Subcoil/Pancakes		3B/ 1,2Top	3B/ 3,4Top	3B/ 3,4Botto	3B/ 5,6Top	3B/ 5,6Top	3B/ 5,6Botto	3B/ 7,8Botto	3B/ 9,10Top	3B/ 9,10Bott	3B/ 11,12Top	3B/ 11,12Top	3B/ 11,12Bottom
	4	3010	2610	2650	2700	2630	3050	2730	2610	2750	2700	2630	3050
Field	4.5	2770	2270	2200	2370	2310	2760	2370	2300	2430	2370	2310	2760
(T)	5	2400	1890	1810	2100	1980	2240	2000	1950	1875	2100	1980	2240
	5.5	2050	1640	1530	1740	1670	1900	1640	1680	1650	1740	1670	1900
	6	1700	1340	1380	1510	1360	1570	1300	1330	1410	1510	1360	1570



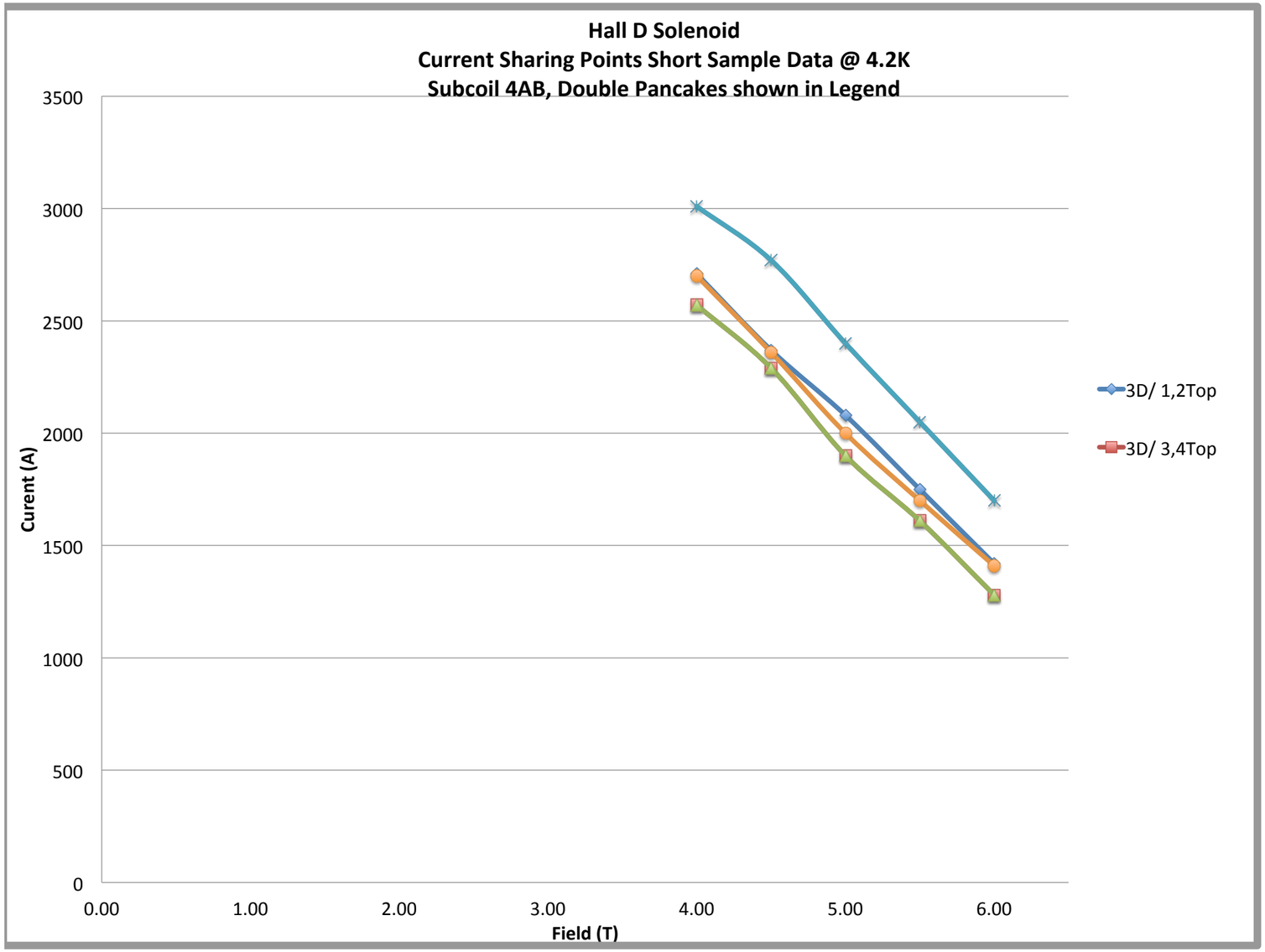
Reel Number		7	8	8	6	6
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		3C/ 1,2Top	3C/ 3,4Top	3C/ 5,6Top	3C/ 7,8Top	3C/ 7,8Bottom
	4	2570	2620	2620	2610	2750
Field	4.5	2290	2300	2300	2300	2430
(T)	5	1900	1950	1950	1950	1875
	5.5	1610	1670	1670	1680	1650
	6	1280	1380	1380	1330	1410



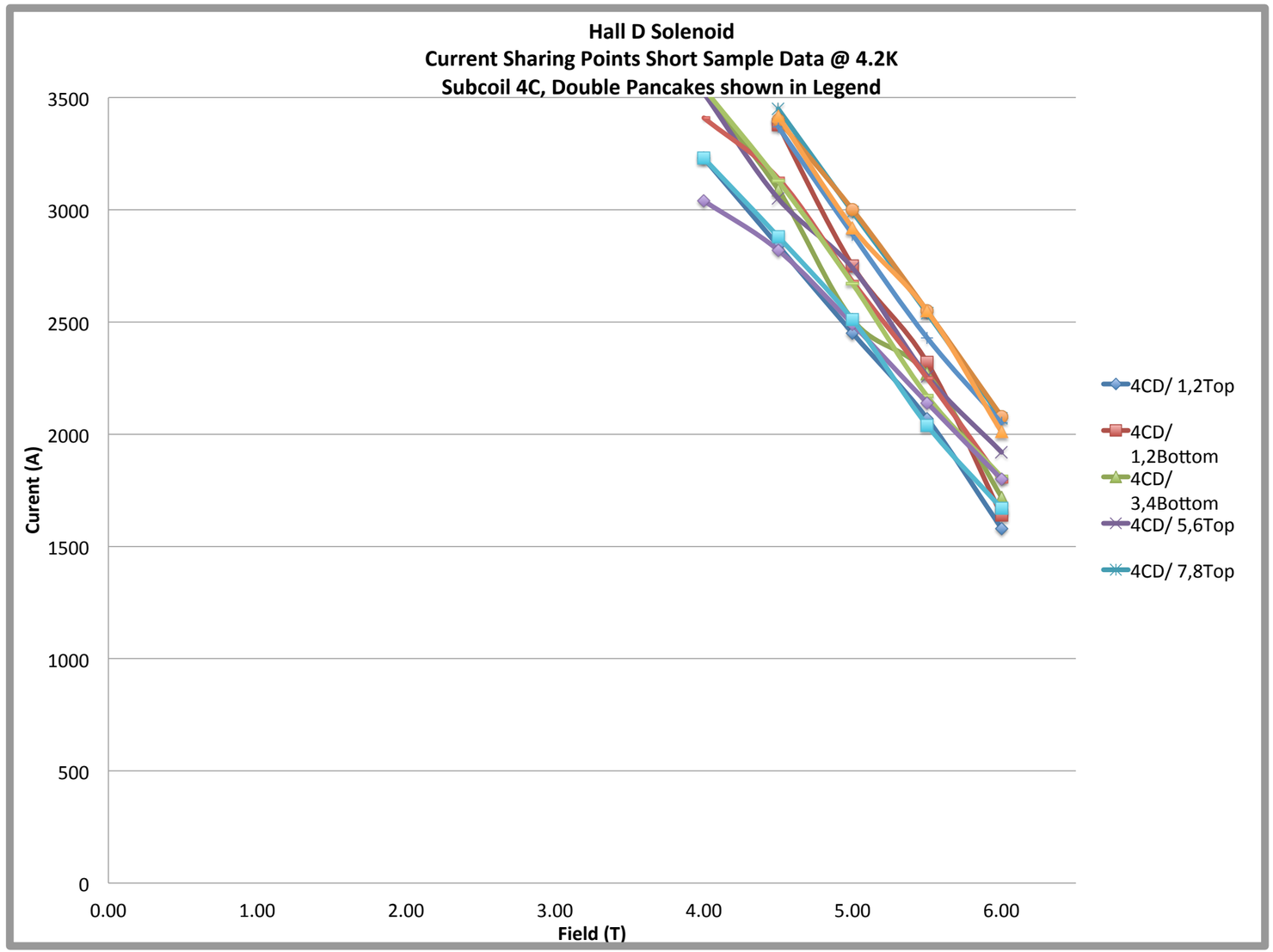
Reel Number		9	7	7	3	3	13
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		3D/ 1,2Top	3D/ 3,4Top	3D/ 5,6Top	3D/ 7,8Top	3D/ 9,10Top	3D/ 11,12Bottom
	4	2710	2570	2570	3010	3010	2700
Field	4.5	2370	2290	2290	2770	2770	2360
(T)	5	2080	1900	1900	2400	2400	2000
	5.5	1750	1610	1610	2050	2050	1700
	6	1420	1280	1280	1700	1700	1410



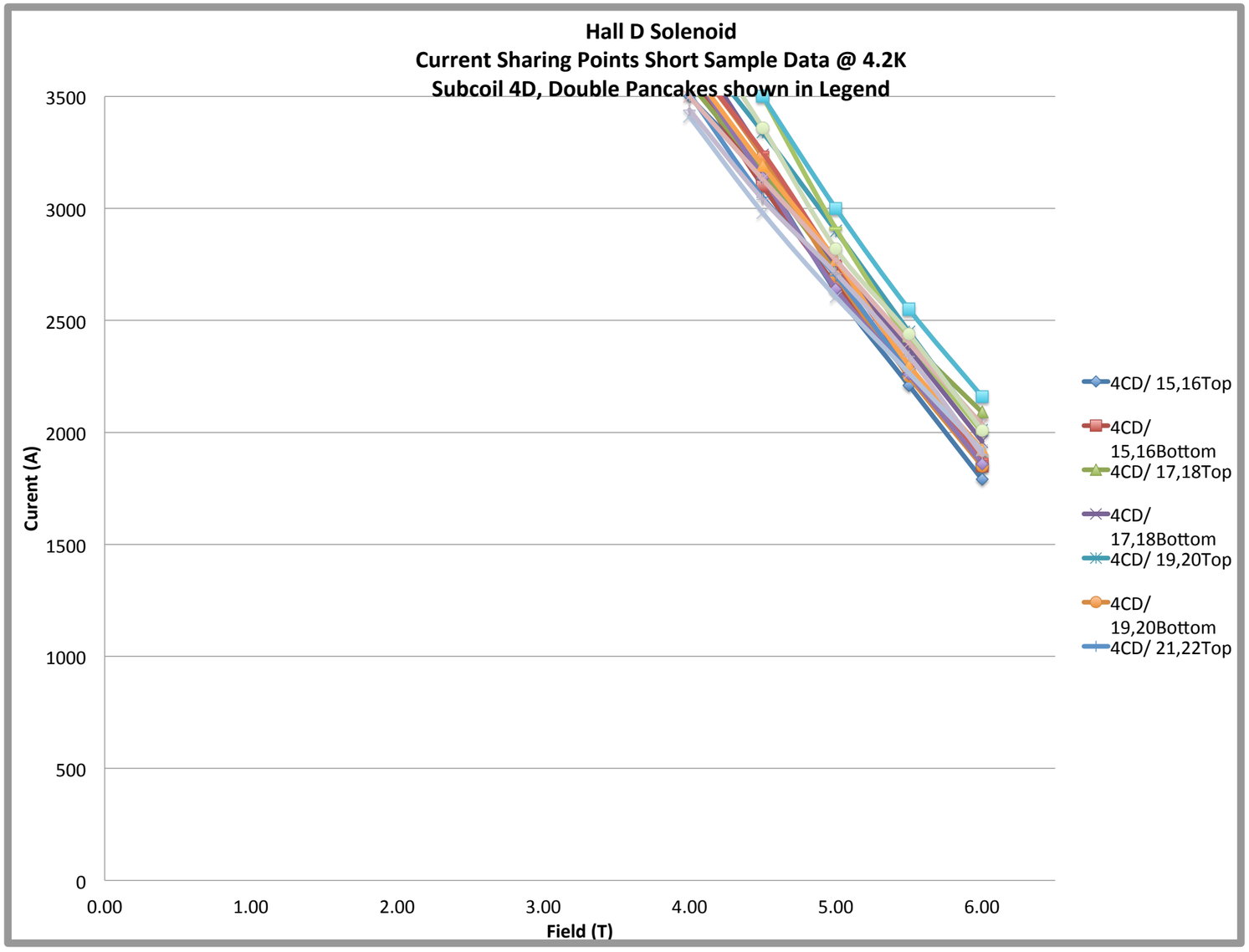
Reel Number		34	34	29	31	31	36	36	36	25	35
Transverse/parallel		Transverse	Transverse	transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		4AB/ 1,2Top	4AB/ 1,2Bott	4AB/ 3,4Top	4AB/ 5,6Top	4AB/ 5,6Bott	4AB/ 7,8Top	4AB/ 7,8Top	4AB/ 7,8Bott	4AB/ 9,10To	4AB/ 11,12Bottom
	4	2520	2500	3050	2770	2820	2640	2730	2760	2730	2775
Field	4.5	2260	2210	2760	2430	2490	2300	2280	2360	2490	2410
(T)	5	1950	1880	2350	2115	2150	2000	1980	2070	2110	2060
	5.5	1680	1600	1970	1700	1850	1710	1640	1760	1820	1770
	6	1410	1310	1650	1505	1570	1405	1380	1500	1500	1450



Reel Number		2A	2A	4A	5A	6A	6A	7A	7A	7A	8A	9A	9A
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		4CD/ 1,2Top	4CD/ 1,2Bott	4CD/ 3,4Bott	4CD/ 5,6Top	4CD/ 7,8Top	4CD/ 7,8Bott	4CD/ 9,10To	4CD/ 9,10Bo	4CD/ 9,10Bo	4CD/ 11,12B	4CD/ 13,14T	4CD/ 13,14Bottom
	4	3230		3520	3520				3410	3540	3040	3230	
Field	4.5	2840	3380	3090	3050	3450	3400	3370	3140	3130	2820	2880	3420
(T)	5	2450	2750	2510	2740	2990	3000	2890	2680	2670	2490	2510	2920
	5.5	2070	2320	2270	2260	2540	2550	2430	2250	2170	2140	2040	2550
	6	1580	1640	1720	1920	2070	2080	2050	1790	1810	1800	1670	2010
										Odd test			



Reel Number		10A	10A	11A	11A	12A	12A	13A	13A	14A	14A	15A	15A	16A	16A	17A	17A
Transverse/parallel		Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse	Transverse
Subcoil/Pancakes		4CD/ 15,16T	4CD/ 15,16B	4CD/ 17,18T	4CD/ 17,18B	4CD/ 19,20T	4CD/ 19,20B	4CD/ 21,22T	4CD/ 21,22B	4CD/ 23,24T	4CD/ 23,24B	4CD/ 25,26T	4CD/ 25,26B	4CD/ 27,28T	4CD/ 27,28B	4CD/ 29,30T	4CD/ 29,30Bottom
	4	3500	3600	3560	3740	3750	3680	3510	3670		3630		3630	3410	3500	3860	3440
Field	4.5	3140	3100	3160	3240	3340	3230	3050	3250	3500	3140	3500	3190	2980	3130	3360	3040
(T)	5	2630	2660	2740	2750	2900	2700	2700	2760	2910	2640	3000	2770	2605	2770	2820	2710
	5.5	2210	2290	2410	2370	2450	2250	2270	2300	2410	2260	2550	2300	2265	2400	2440	2340
	6	1790	1850	2090	1960	2010	1850	1900	1880	2000	1860	2160	1925	1920	2035	2010	1900



SLAC SUBCONTRACT 515-5-459: SUPERCONDUCTOR FROM MCA 95
CONDUCTOR LOG

DATE: 2-23-73

№ (Ⓑ: USED Ⓟ: PAID)	MCA	DATE SHIPPED	DATE REC'D.	GRADE	LENGTH A.R.	NET WT.	SHORT SAMPLE TESTS: IDENT	DATE	O.K.	USE IN COILS: LENGTH	SECTION	LAYERS Ⓓ: DONE	COMMENTS
Ⓟ 1	B162-1A	9-14-72 REPUBLIC CARLOADING	10-5-72	B	2080'		⊥ ?	10/25	✓	TOP 800'	3B	Ⓓ 5+6	BAD ZONE ~980' FROM TOP.
							∥ ?	10/24	✓	~770'	3B	Ⓓ 11+12	
~~Ⓟ 2~~	B162-1B	9-14-72 REPUBLIC CARLOADING	10-5-72	B	2002'		⊥ 410" IN SUSPECT	10/26	NDG	422'	-		BAD ZONE 415" IN. DELAMINATION REJECTED, RETURNED TO MC
							⊥ IN	10/26	✓	780'	~~3B~~	~~Ⓓ 1+2~~	
							⊥ OUT	10/25	✓	800'	-		
							∥ OUT	10/24	✓				
770 Ⓟ 3		P.I.E.	10-23-72	B	2002'		⊥ OUT	10/26	✓	770'	3B	Ⓓ 1+2	SUSPICIOUS BEND TEST IS STL 1-73.
							∥ OUT			~500'	3D	Ⓓ 7+8	
							⊥ IN			~500'	3D	Ⓓ 9+10	
							∥ IN						
770 Ⓟ 4	B163B	P.I.E	10-23-72	B	2002'		⊥ OUT	11/6	✓	770'	3B	Ⓓ 3+4	
							∥ OUT			1090	1B	Ⓓ 1+2	
							⊥ IN	11/3	✓				
							∥ IN						
770 Ⓟ 5	B163C	10-20-72 P.I.E.	10-31-72	B	2106'		⊥ OUT			770'	3B	Ⓓ 7+8	
							∥ OUT			~1200'	3A	Ⓓ 5+6	
							⊥ IN	11/6	✓				
							∥ IN						
Ⓟ 6	B162-1C	10-20-72 P.I.E	10-31-72	B	1880'	435#	⊥ OUT	11/7	✓	770'	3B	Ⓓ 9+10	
							∥ OUT			~730'	3C	Ⓓ 7+8	
							⊥ IN	11/6	✓				
							∥ IN						

5. AC SUBCONTRACT 515-5-59: SUPERCONDUCTOR FROM MCA
CONDUCTOR LOG

2-23-73

No.	MCA	Date Shipped	Date Rec'd	Grade	Length A.R.	Grade Wt.	Short Sample Tests: Ident	Date	O.K.	Use in Coils: Length	Section	Layers @: done	Comments
(7) 770	B172B	11/5/72 W.G.C. Air Freight	11/6/72	B	2000'		⊥ Top	11-20	✓	770'	3C	(1+2)	Improved Surface
							⊥ Bot			500'	3D	(3+4)	
										500'	3D	(5+6)	
(8)	B172C	11/5/72 W.G.C. Air Freight	11/6/72	B	1809'		⊥ Top	11-20	✓	~730'	3C	(3+4)	"
							⊥ Bot			~730'	3C	(5+6)	
(9)	B164-1A	11/8/72 W.T.C. Air	11/10/72	B	2002'		⊥ Top	11-28	✓	~500'	3D	(1+2)	
							⊥ Bot	11-29	✓	~1200'	3A	(3+4)	
(13)	B169-B	W.T.C. Air	11/17/72	B	2000'	713#	⊥ Top	11-29	✓	~500'	3D	(11+12)	
							⊥ Bot	11-29	✓	~1200'	3A	(1+2)	
(14)	B169C	W.T.C. Air	11/17/72	B	2069'	752#	⊥ Top	11-28	✓	~1200'	3A	(9+10)	
							⊥ Bot	11-28	✓	780	2B	(1+2)	
(10)	164-1-B	11/11/72 P.I.E	11/28/72	B	(2000' ?)	705	⊥ Top	12-5	✓	780	2B	(3+4)	
							⊥ Bot	12-5	✓	860	2C	(3+4)	
(11)	164-1-C	11/11/72 P.I.E	11/28/72	B	2000'	715	⊥ Top		✓	1270	1F	(5+6)	Inner end suspect!
							⊥ Bot		N.G				
(12)	169-A	11/11/72 P.I.E	11/28/72	B	2053	730	⊥ Top	12-5	✓	~1240'	3A	(11+12)	
							⊥ Bot	12-6	✓	~780	2B	(5+6)	

SLAC Subcontract SLS-S-45 : Superconductor from MCA

Conductor Log

2-23-73 Page 3

No.	MCA	Date Shipped	Date Rec'd.	Grade	Length A.R.	Gross Wt.	Short Sample Tests: Ident	Date	O.K.	Use in Coils: Length	Section	Layers ⊗=done	Comments
(15)	164A-			B	2000'	715#	⊥ Top	1-8-73	✓	~1200'	3A	(7+8)	
							⊥ Bot	1-8-73	✓	480'	1D	(7+8)	
(16)		11-22-72		B	2000'		⊥ Top	1-16-73	✓	~800	2B	(7+8)	Surface is terrible. Thick solder underneath. Showings of letter to MCA.
							⊥ Bot			~860'	2C	(1+2)	
(17)	164C	11-27-72	12-15-72	B	1754'	650#	⊥ Top	1-8-73	✓	~860'	2C	(5+6)	Bad "SLAC" caused delamination ~100' from 2C5+6 length
							⊥ Bot			850			
(18)	171-A	11-27-72	12-15-72	B	2000'	738#	⊥ Top	1-9-73	✓	~860'	2C	(11+12)	
							⊥ Bot	1-11-73	✓	~1030'	2D	(1+2)	
(19)	171-B	12-1-72 P.I.E.	12-18-72	B	2000'	728	⊥ Top	1-10-73	✓	~860'	2C	(7+8)	
							+ Bot	1-11-73	✓	~1030'	2D	(3+4)	
(20)	171-C	12-1-72 P.I.E	12-18-72	B	2120'	756'	⊥ Top	1-10-73	✓	1030	2D	(7+8)	
							⊥ Bot	1-11-73	✓	1030	2D	(9+10)	
(21)	170-1-A	12-1-72 P.I.E.	12-18-72	B	2000'	715	⊥ Top	1-12-73	✓	~1030	2D	(5+6)	
							⊥ Bot	1-10-73	✓	~860	2C	(9+10)	
(22)	170-1B	12-1-72 P.I.E.	12-18-72	B	2000'	715	⊥ Top	1-11-73	✓	1030	2D	(11+12)	
							⊥ Bot	1-12-73	✓	850	1E	(3+4)	

S A C Subcontract 515-5-9 '9 Superconductor from MCA
Conductor Log

2-23-73 Page 4

No.	MCA	Date Shipped	Date Rec'd	Grade	Length A.R.	Gross Wt.	Short Sample Tests: Ident	Date	O.K.	Use in Coils: Length	Section	Layers ⊗: one	Comments
23	170-1-C	12-5-72	12-20-72	B	1900'	682#	⊥ Top ⊥ Bot	1-16-73	✓	1230'	2A	1 + 2	
24	173A	12-5-72	12-20-72	B	2000'	710#	⊥ Top ⊥ Bot	1-25-73 1-25-73	✓ ✓	1230' 710'	2A 1C	3 + 4 1 + 2	
25	173-C	12-8-72	12-20-72	B	2086'	740#	⊥ Top ⊥ Bot	2-6-73	✓	1230' 850'	2A 4A/B	5 + 6 7 + 10	Top + Bottom # 0.002 Truing Tooling Install
26	163-1-A	12-8-72	12-20-72	B	2000'	715#	⊥ Top	2-6-73	✓	1230' 710'	2A 1C	7 + 8 3 + 4	
27	163-1-B	12-11-72 P.I.E.	12-26-72	B	2000'	710#	⊥ Top	2-7-73	✓	1230' 710'	2A 1C	9 + 10 5 + 6	
28	170 B	12-15'	1-3-73	B	2000'	705	⊥ Top	2-7-73	✓	1230' 710	2A 1C	11 + 12 7 + 8	
29	170 C	12-15	1-3-73	B	2125'	738	⊥ Top	2-7-73	✓	1130 850	1A 4A/B	11 + 12 3 + 4	3-23-73
30	171-1	12-19-72 P.I.E.	1-5-73	B	1920'	688#	⊥ Bot ⊥ Top	3-1-73 3-27-73	✓ ✓	1380 480	1G 1D	3 + 4 1 + 2	

LAC SUBCONTRACT 515-S-'59: SUPERCONDUCTOR FROM MCA
CONDUCTOR LOG

2-23-73 PAGE 5

No.	MCA	Date Shipped	Date Rec'd	Grade	Length A.R.	Gross Wt.	Short Sample Tests: Ident	Date	O.K.	Use in Coils: Length	Section	Layers (M=Done)	Comments
(31)	171-1	12-19-72 P.I.E.	1-5-73	B	2000'	710	⊥ Top	2-7-73	✓	1130	1A	(3+4)	⊥ TIGHT!
							⊥ Bot	2-6-73	✓	850	4A/B	(5+6)	
(32)	171-1-C	12-21-72 P.I.E	1-9-73	B	1958'	684#	⊥ Bot	3-1-73	✓	1380	1G	(5+6)	
							⊥ Top	3-27-73	✓	480	1D	(3+4)	
(33)	172-1-A	12-27-72 P.I.E. Pro. #067-046682	1-8-73	B	1850'	666#	⊥ Bot	3-2-73	✓	1270	1F	(7+8)	
							⊥ Top	3-27-73	✓	480	1D	(5+6)	
(34)	172-1-B	12-27-72 P.I.E AS FOR REEL 33	1-8-73	B	2000'	702#	⊥ Top	4-2-73	✓	850	4A/B	(1+2)	
							⊥ Bot	4-2-73	✓	1090	1B	(7+8)	
(35)	172-1-C P.I.E	1-2-73 Pro. #067-046275	1-12-73	B	2068'	718#	⊥ Bot	3-2-73	✓	1130	1A	(9+10)	
										850	4A/B	(11+12)	
(36)	167-A		1-12-73	B	2000'		⊥ Top	3-26-73	✓				
							⊥ Top	3-1-73	✓	1090	1B	(3+4)	
							⊥ Bot	2-6-73	✓	850	4A/B	(7+8)	
(37)	162-B	1-4-73 P.I.E Pro #067-046533	1-17-73	B	2000'	700#	⊥ Top	3-28-73	✓	1090	1B	(11+12)	
										850	1E	(7+8)	
(38)	162-C	1-4-73 AS ABOVE	1-17-73	B	1873'	658#	⊥ Bot	3-2-73	✓	1380	1G	(7+8)	
							⊥ Top	3-28-73	✓				

SLAC SUBCONTRACT 515-5-6'9: SUPERCONDUCTOR FROM MCA
CONDUCTOR LOG

2-23-73 PAGE 6

No.	MCA	DATE SHIPPED	DATE REC'D	GRADE	LENGTH A.R.	GROSS WT.	SHORT SAMPLE TESTS: IDENT	DATE	O.K.	USE IN COILS: LENGTH	SECTION	LAYERS ⊗: DONE	COMMENTS
(39)	173 B	1-12-73	1-25-73	B	2000'	700#	⊥ Bot	3-2-73	✓	1090	1B	(9+10)	MCA REPAIRS
										850	1E	(5+6)	
(40)	170A	1-12-73	1-25-73	B	2000'	704#	⊥ Bot	3-27-73	✓	1850	1E	(11+12)	
							⊥ Top	3-26-73	—	850	1E	(1+2)	
(41)	163-1-C	1-12-73	1-25-73	B	1200' + 500'	504#	⊥ Top	4-2-73	✓	1130	1A	(1+2)	
							⊥ Bot	4-2-73	✓				
(42)	172 A	2-21-73	3-8-73	B	1450'	556#				1130	1A	(5+6)	2000' BUT 500' IS POOR SOLDER BOND.
(43)	173-1	2-13-73	2-26-73	B	2568'	830#	⊥ Top	3-28-73	✓	1270	1F	(3+4)	SNUG!
										1270	1F	(1+2)	
(44)	ALIAS GRADE A No 1			A	2100'					850	1E	(9+10)	
										1130	1A	(7+8)	
(45)	ALIAS GRADE A No 3			A	2505'					1380	1G	(1+2)	SNUG!
										1090	1B	(5+6)	

SLAC Subcontract 515-5-459: Superconductor for M.F. Conductor Log

No.	MCA	Date Shipped	Date Rec'd	Grade	Length A.R.	Gross Wt.	Short Sample Tests: Ident	Date	O.K.	Use in Coils: Length	Section	Layers (⊗ = none)	Comments
(1)	168-1-A	1-23-73	2-2-73	A	2100	715	⊥ Top	3-28-73	✓	850	1E	(9+10)	
							⊥ Bot	3-27-73	✓	1130	1A	(7+8)	
(2)	166-A	1-23-73	2-2-73	A	2100	715	⊥ Top	3-30-73	✓	2100	4C/D	(1+2)	3-28-73
							⊥ Bot	3-30-73	✓				
(3)	166-B	1-23-73	2-2-73	A	2505	820	⊥ Bot	3-26-73	✓	1380	1G	(1+2)	
										1090	1B	(5+6)	
(4)	168-1-6	1- -73	2-2-73	A	2325	77-	⊥ Bot	4-3-73	✓	2100	4C/D	(3+4)	
(5)	168-A	2-2-73	2-16-73	A	2100	715	⊥ Bot	4-6-73	✓	2100	4C/D	(5+6)	
							⊥ Top	4-6-73	✓				
(6)	168B	2-2-73	2-16-73	A	2432	797	⊥ Bot	4-6-73	✓	2100	4C/D	(7+8)	
							⊥ Top	4-6-73	✓				
(7)	165-1A	2-2-73	2-16-73	A	2100	717	⊥ Bot	4-6-73	✓	2100	4C/D	(9+10)	
							⊥ Top	4-9-73	✓				
(8)	165-1-B	2-2-73	2-16-73	A	2130	720	⊥ Bot	4-9-73	✓	2100	4C/D	(11+12)	
							⊥ Top	4-9-73	✓				

SLAC SUBCONTRACT SI. S-450: SUPERCONDUCTOR FRO. MCA
CONDUCTOR LOG

No.	MCA	Date Shipped	Date Rec'd.	Grade	Length A.R.	Gross Wt.	Short Sample Tests: Ident	Date	O.K.	Use in Coils: Length	Section	Layers ⊗=done	Comments
(9)	165A		2-26-73	A	2100		⊥ Top	4-9-73	✓	2100'	4C/D	(13+14)	
							⊥ Bot	4-9-73	✓				
(10)	165B		2-26-73	A	2354		⊥ Top	4-10-73	✓	2100'	"	(15+16)	
							⊥ Bot	4-10-73	✓				
(11)	173-1		2-26-73	A	2356		⊥ Top	4-10-73	✓	2100'	"	(17+18)	TERRIBLE DIFFICULTY WINDING LAYER 17! LAYER LEANED OUT, SOAKED IN LOCKTITE, SHO ETC. 6 SHIFTS TO WIN.
							⊥ Bot	4-10-73	✓				
(12)	166-1-A	2-21-73	3-8-73	A	2100	718#	⊥ Top	4-11-73	✓	2100'	"	(19+20)	
							⊥ Bot	4-11-73	✓				
(13)	166-1-B	3-5-73	3-20-73	A	2200	735#	⊥ Top	3-14-73	✓	2100'	"	(21+22)	RECYCLED THRU MC SOLDERING LINE, THICKENED SOLDER JOINT. SHORT SAMPLES O.K., THOUGH
							⊥ Bot	3-14-73	✓				
(14)	167-1-A	3-5-73	3-20-73	A	2100	695#	⊥ Top	3-12-73	✓	2100'	"	(23+24)	
							⊥ Bot	3-12-73	✓				
(15)	167-1-B	3-5-73	3-20-73	A	2278	754#	⊥ Top	4-16-73	✓	2100'	"	(25+26)	
							⊥ Bot	4-16-73	✓				
(16)	167-A	3-5-73	3-20-73	A	2100	744#	⊥ Top	4-16-73	✓	2100'	"	(27+28)	
							⊥ Bot	4-16-73	✓				
(17)	167B	3-5-73	3-20-73	A	2407	810#	⊥ Top	4-16-73	✓	2100'	"	(29+30)	
							⊥ Bot	4-16-73	✓				

SUPERCONDUCTOR FROM MCA

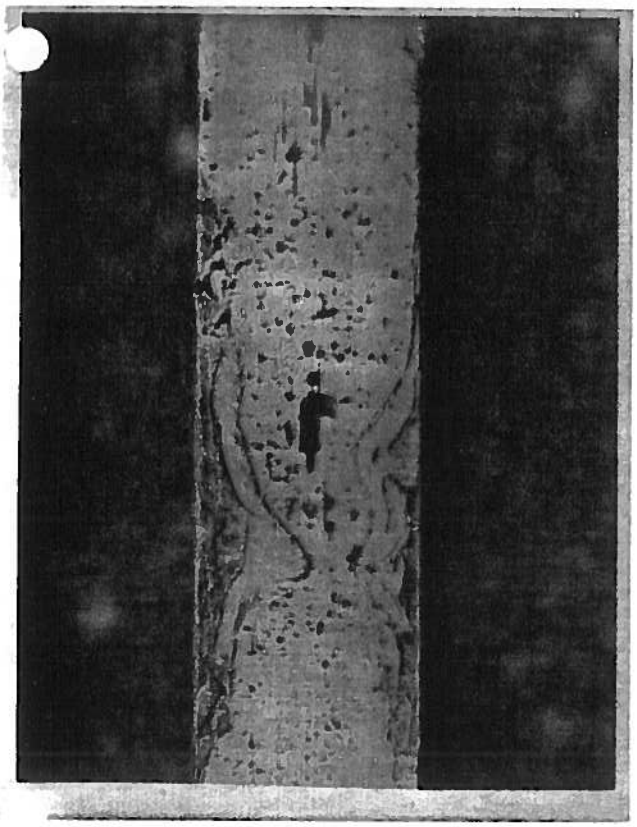
TOTAL LENGTH OF GRADE B CONDUCTOR SHIPPED, OR TO BE SHIPPED, FROM MCA

LENGTH No:	LENGTH SUPPLIED	ACTUAL USED
1	2080	
3	2002	
4	2002	
5	2106	
6	1880	
7	2000	
8	1809	
9	2002	
10	2000	
11	2000	
12	2053	
13	2000	
14	2069	
15	2000	
16	2000	
17	1754	
18	2000	
19	2000	
20	2120	
21	2000	
22	2000	
23	1900	
24	2000	
25	2086	
26	2000	
27	2000	
28	2000	
29	2125	
30	1920	

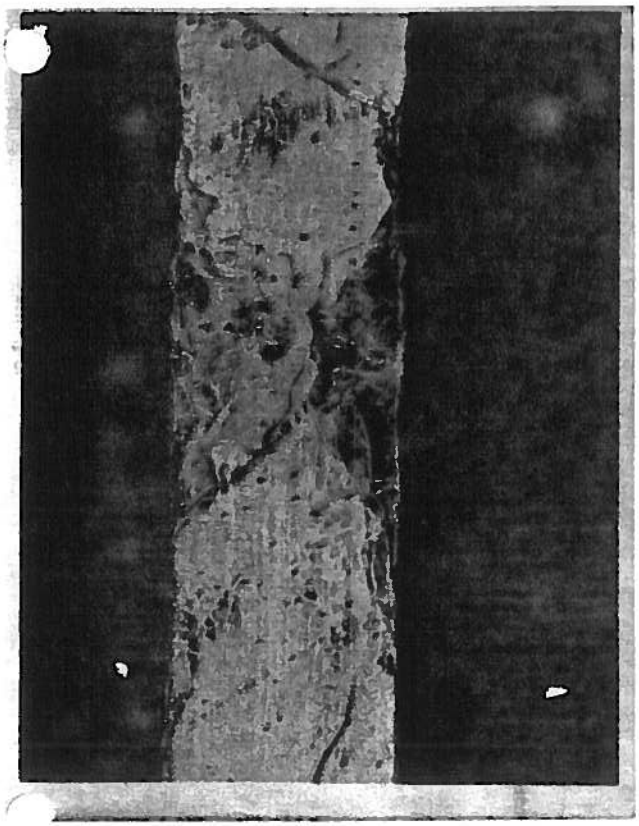
SUPERCONDUCTOR FROM MCA

TOTAL LENGTH OF GRADE B CONDUCTOR SHIPPED, OR TO BE SHIPPED, FROM MCA (CONT.)

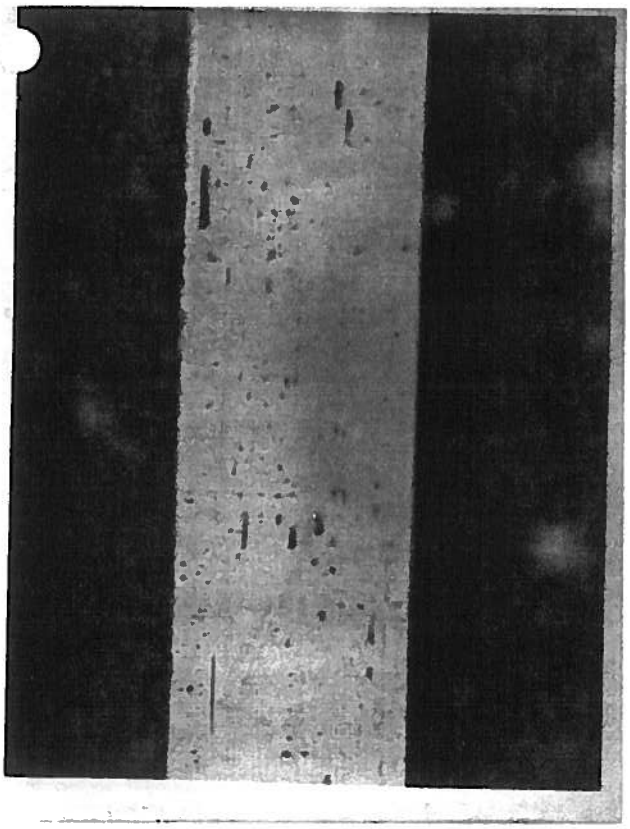
LENGTH	LENGTH SHIPPED	ACTUAL USED
31	2000	
32	1958	
33	1850	
34	2000	
35	2068	
36	2000	
37	2000	
38	2000	
39	2000	
40	2000	
41	1100	
	500	NOT USEABLE
42	1500	
43	2400	
	83284	
ADDN'L REQUIREMENT: 44	2000	
	85284	
CONTRACT TOTAL =	84000	(24 × 2000')



#15 - 81.8%

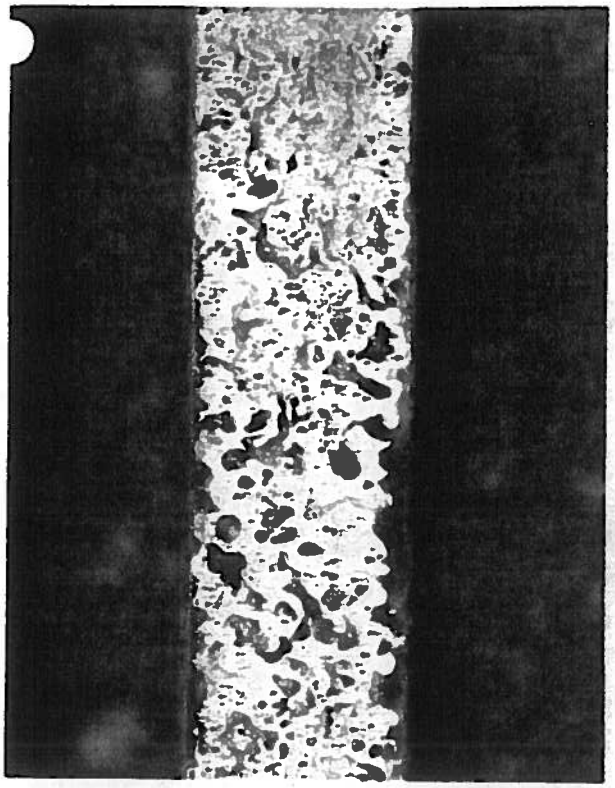


#6 - 72.2%



#11 - 92.4%

#10 - 89.7%



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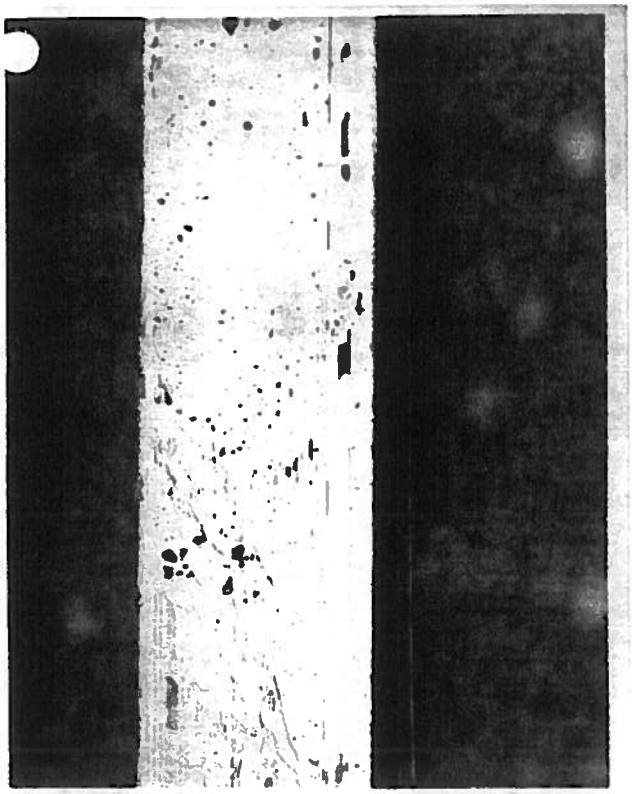

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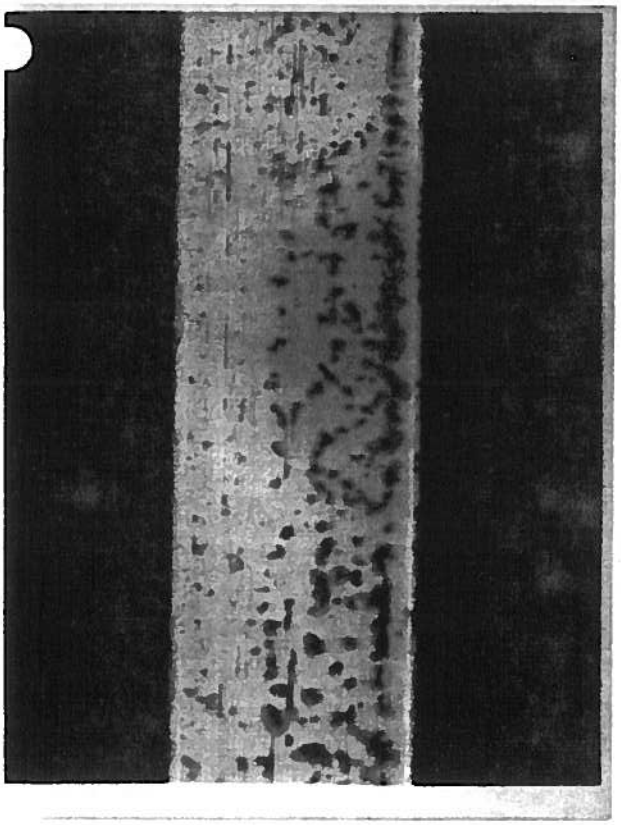
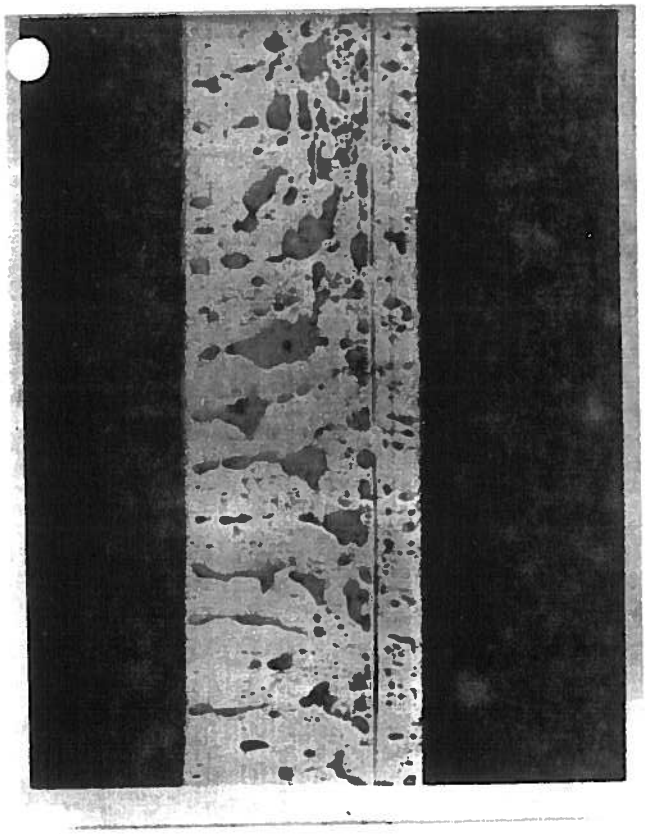
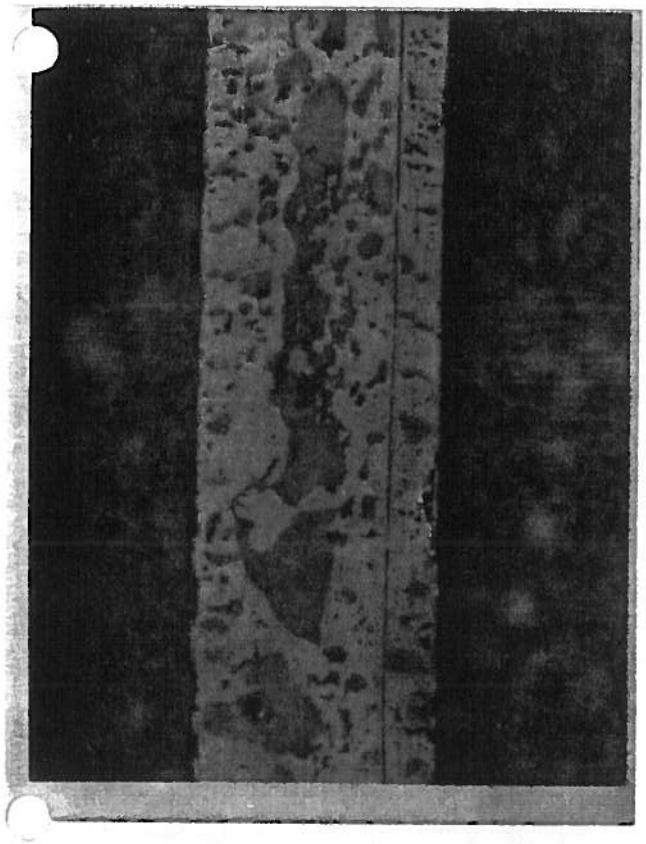


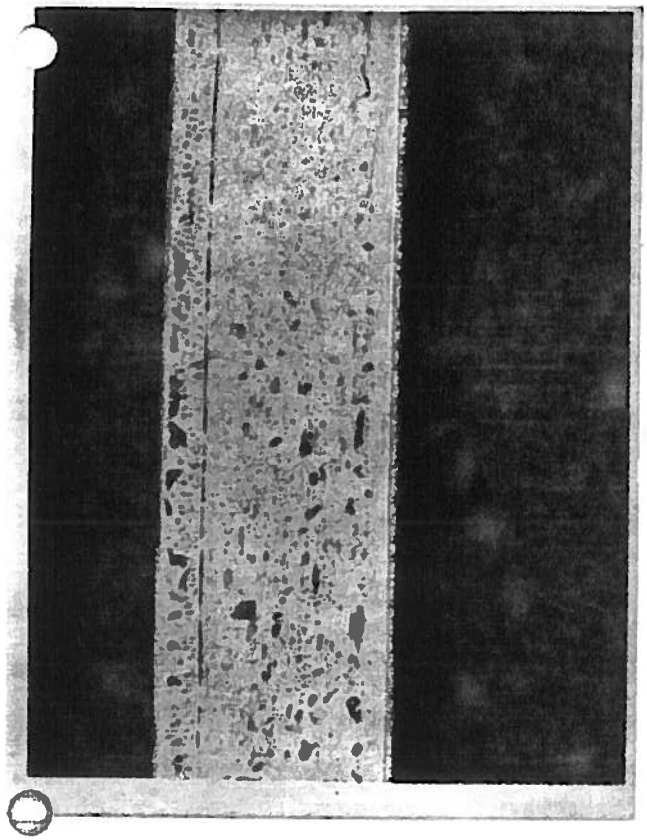
#14 - 20.3%



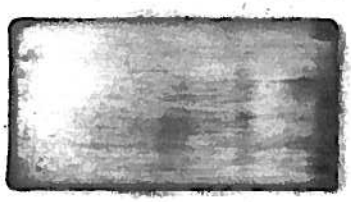
#9 - 20.3%



#13: 56.3%



#5 93.1%



FROM Stanford Linear Accelerat[illegible] Center
2575 Sand Hill Rd.
Menlo Park, California, 94305
Attn. Mr. Oscar Fleischer

TO Magnetic Corp. Of Ameri[illegible]
Somerset Valley Industri[illegible] Campus
Howard Ave.
Somerset, N. J. 08873

SUBJECT Shipment Of Kryo-Conductor Reels

No. 9 & 10 FOLD 9-10-11-43

MESSAGE DATE February 12 1973

Grade A Kryo-Conductor Reel # 9 165-A 2100 Ft. 718 Lbs.

Grade A Kryo-Conductor Reel # 10 165-B 2354 Ft. 770 Lbs.

Grade A Kryo-Conductor Reel # 11 173-1 2356 Ft. 780 Lbs.

Grade B Kryo-Conductor Reel # 43 173-1 2568 Ft. 830 Lbs.

SIGNED Fred G. Gauthier

REPLY DATE 19

No. 9 FOLD

No. 10 FOLD

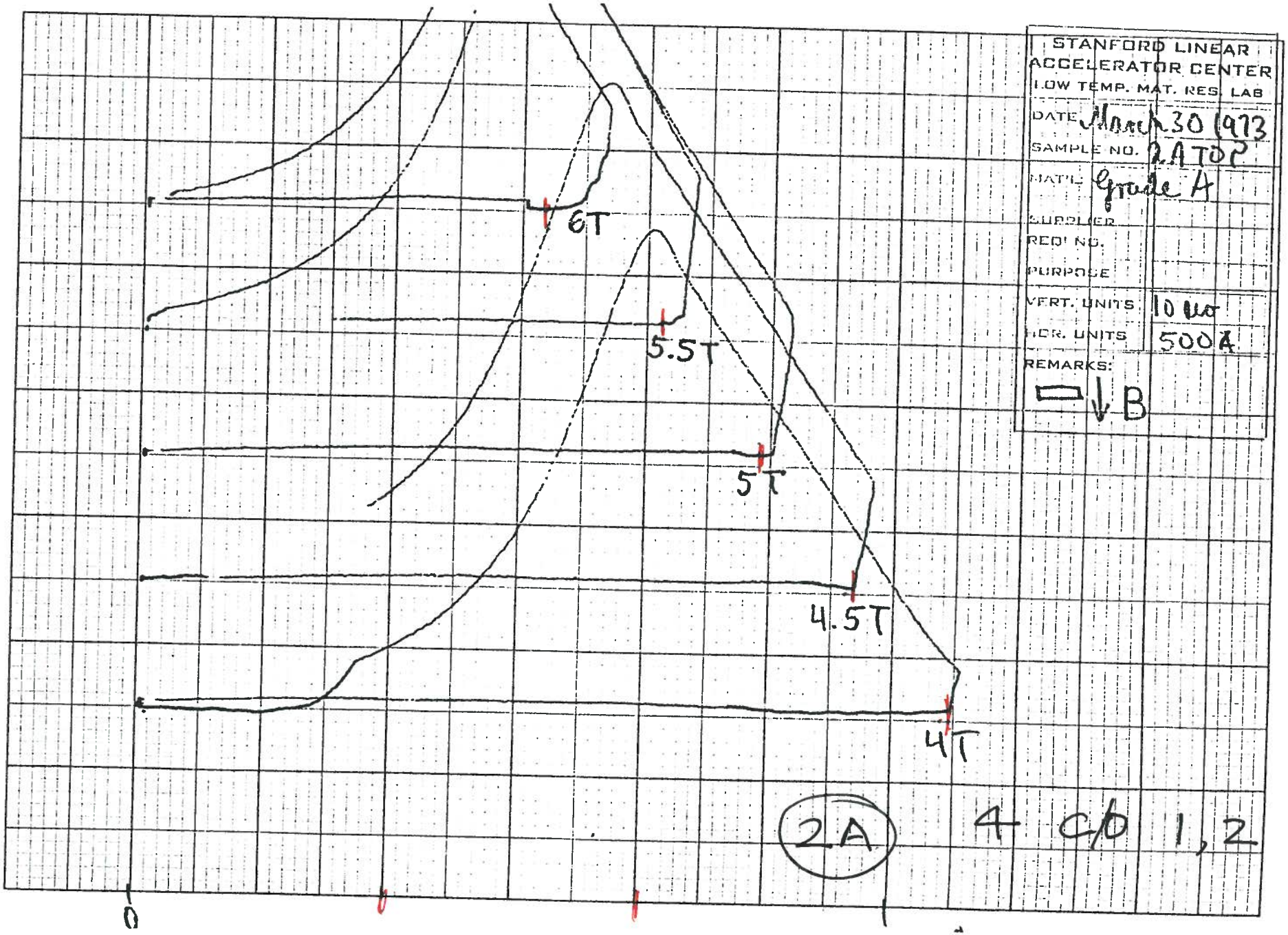
SIGNED

Gummed "SNAP-A-WAY" FORM 44-902 3 PARTS
WILSON JONES COMPANY • © 1961 • PRINTED IN U.S.A.

RETAIN WHITE COPY, RETURN PINK COPY. TURN OVER FOR USE WITH WINDOW ENVELOPE.

172

HEWLETT-PACKARD MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
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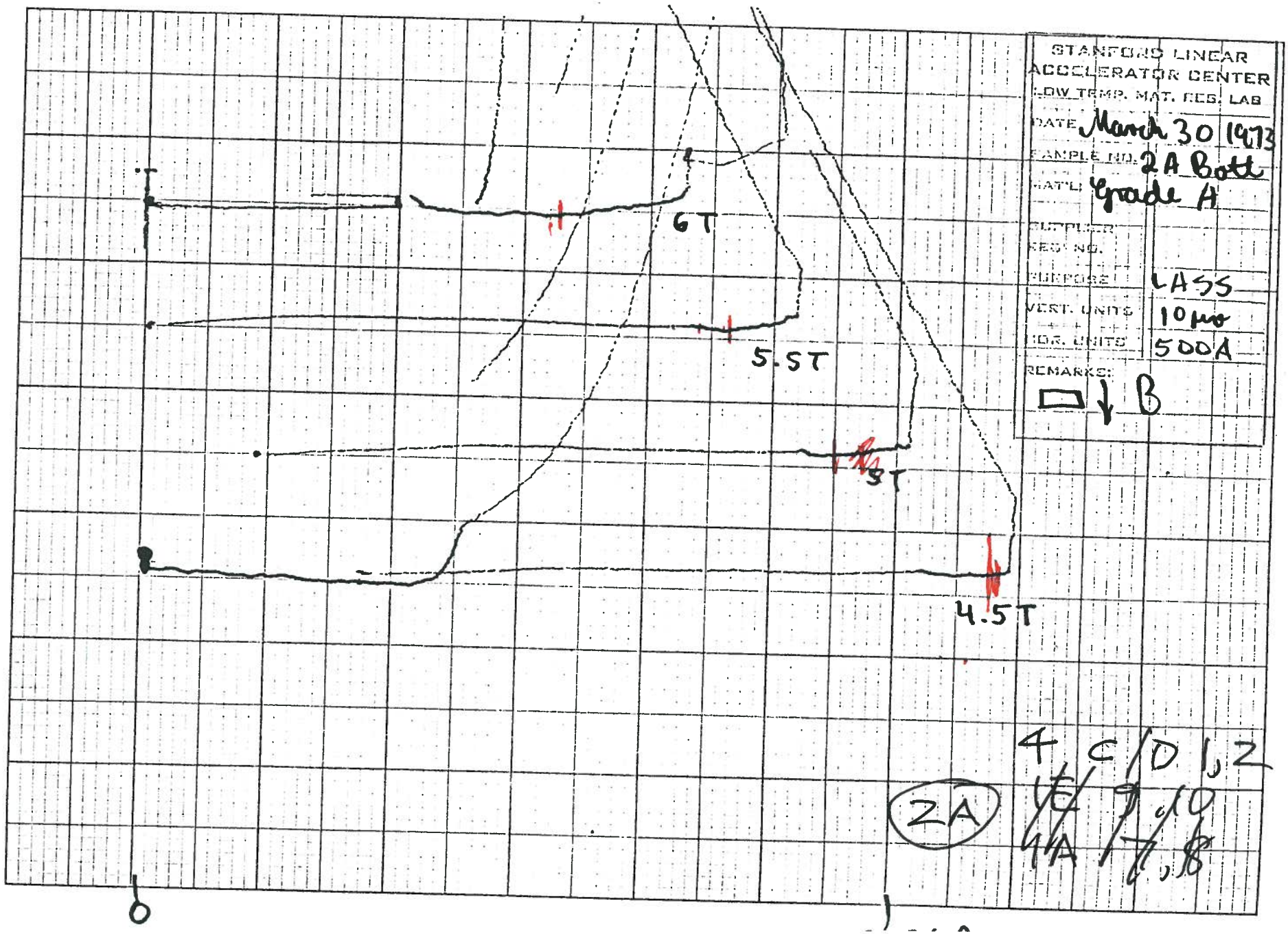

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9270-1006
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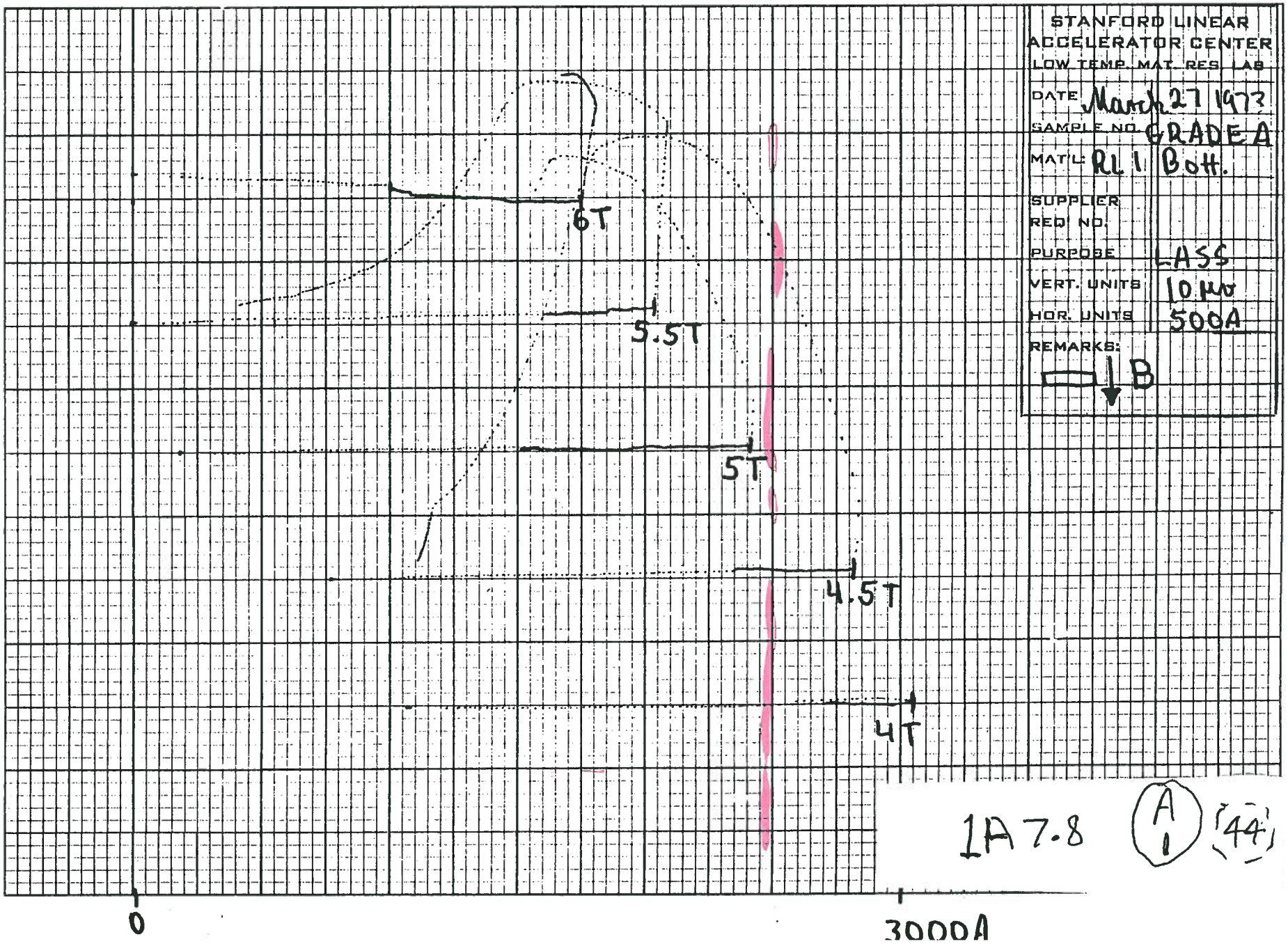

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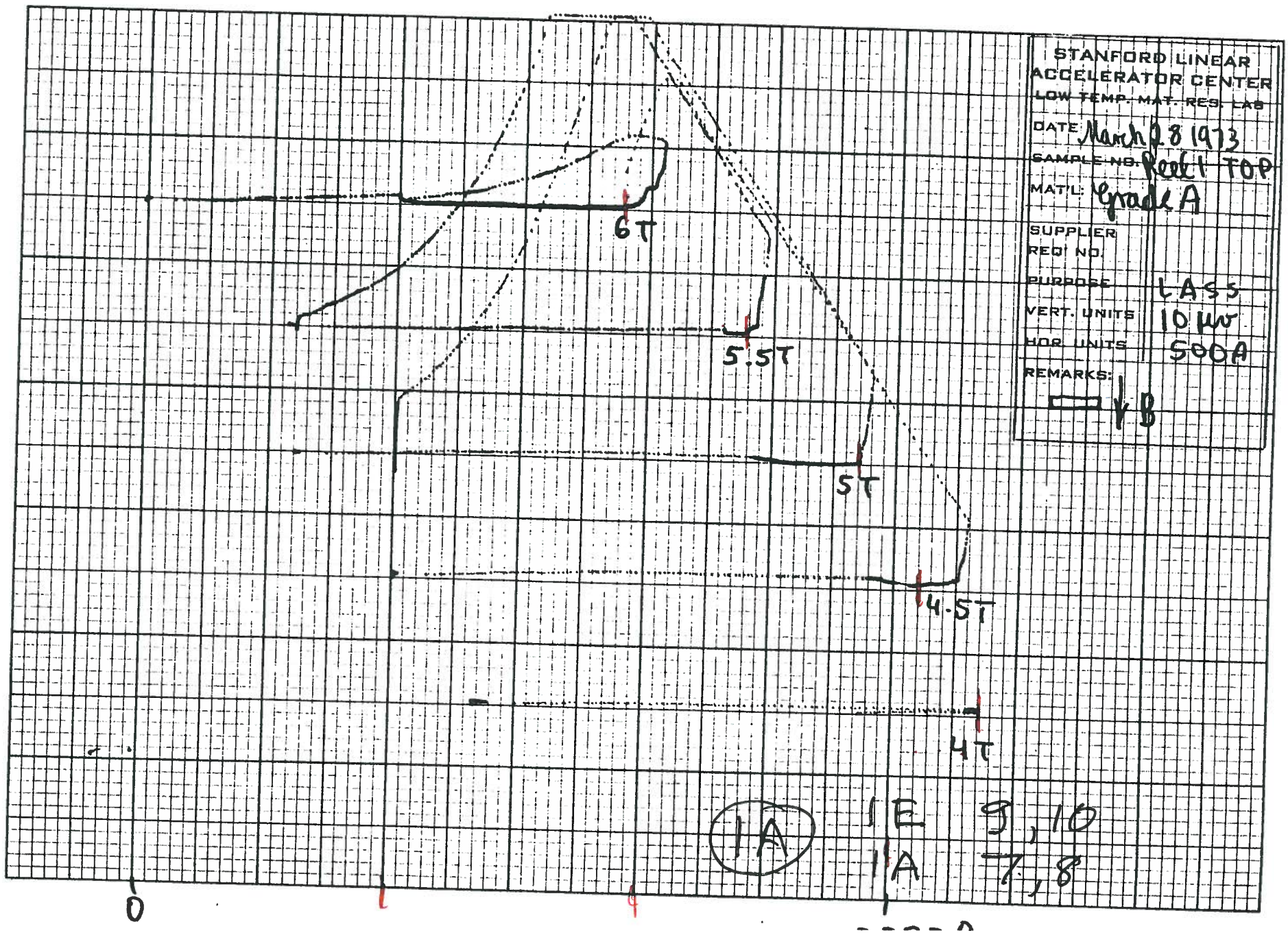

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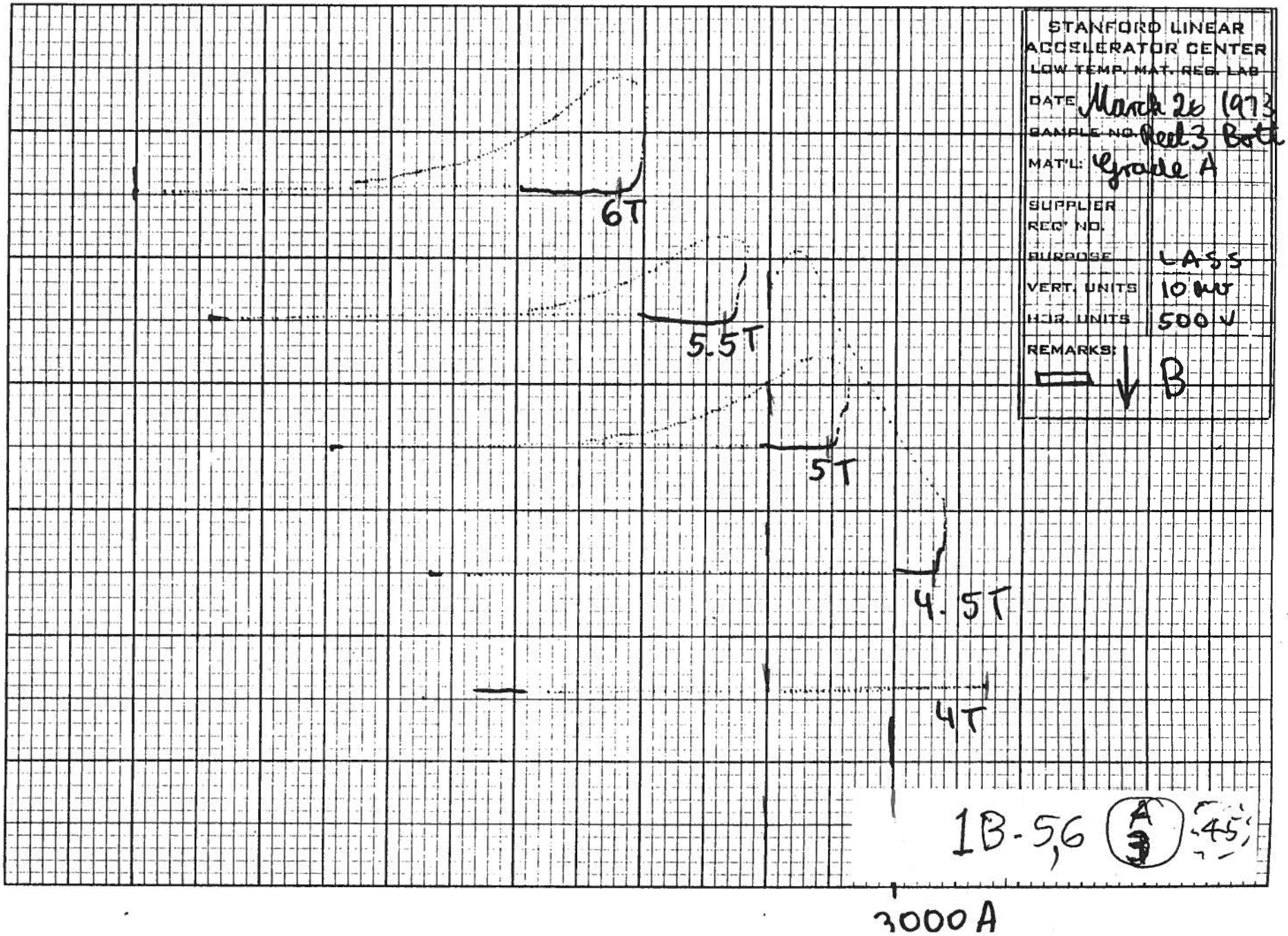
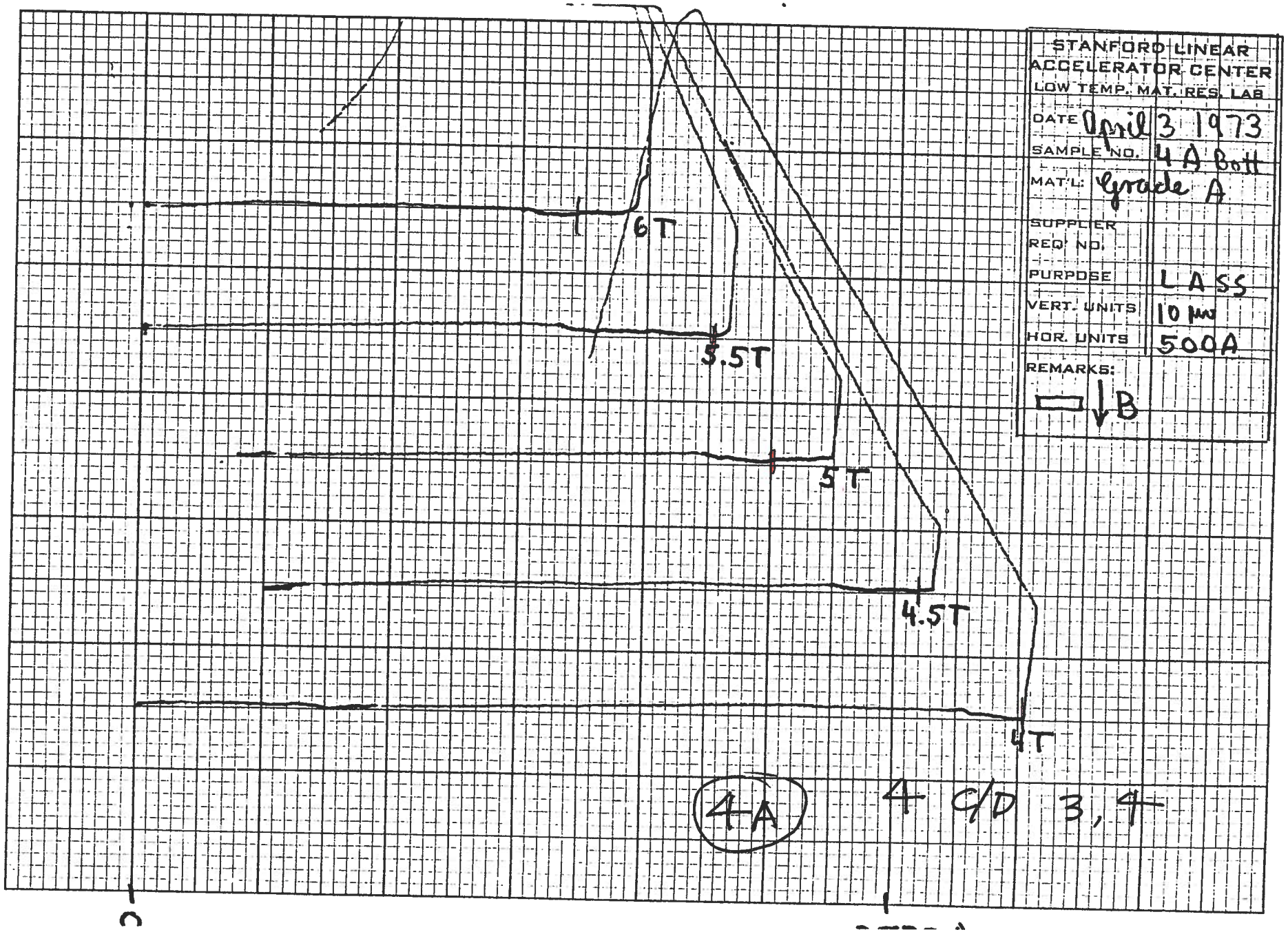
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

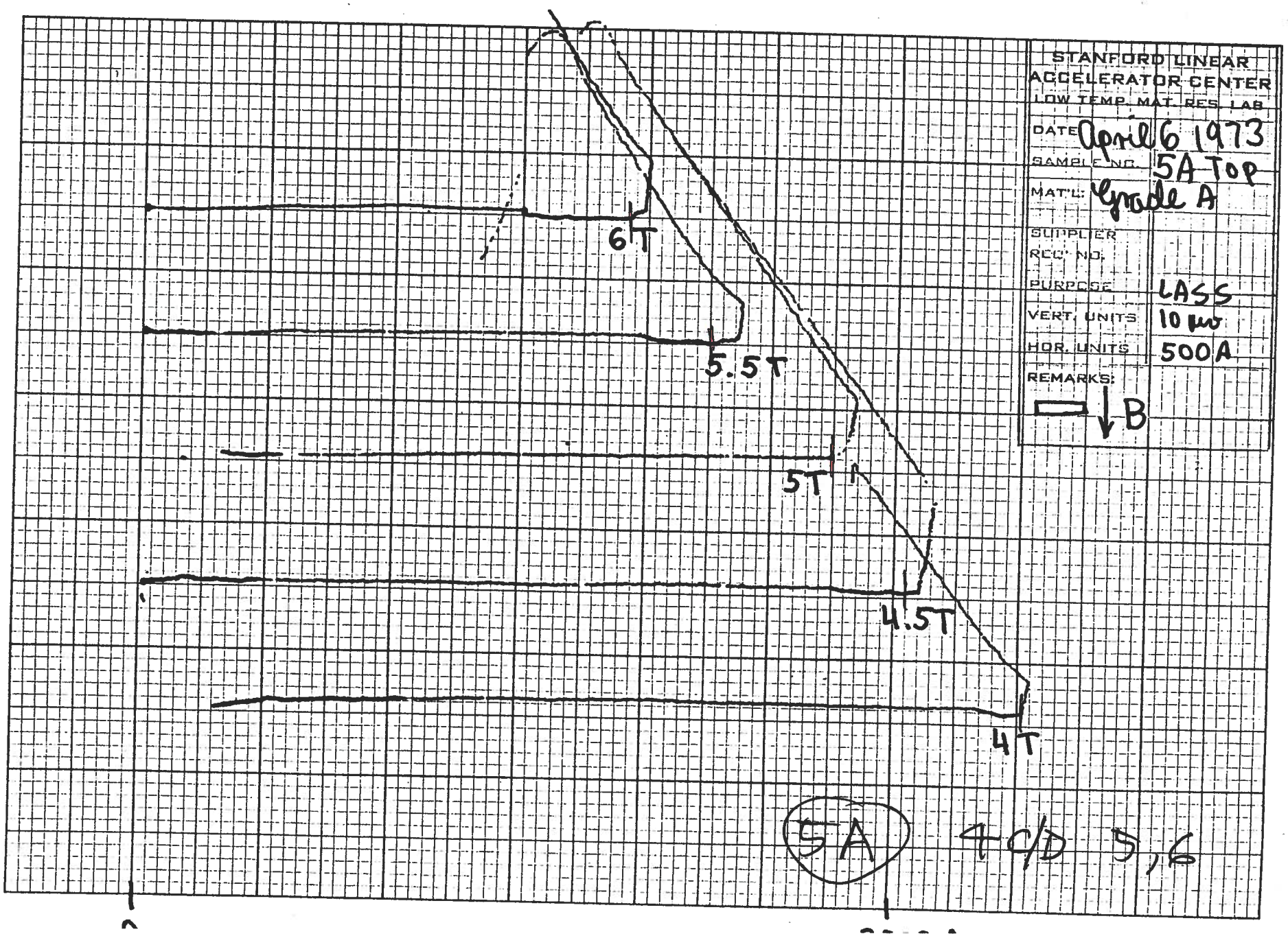


STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB

DATE	April 3 1973
SAMPLE NO.	4A Bott
MAT'L:	Grade A
SUPPLIER	
REQ. NO.	
PURPOSE	LASS
VERT. UNITS	10 μv
HOR. UNITS	500A

REMARKS:
B

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



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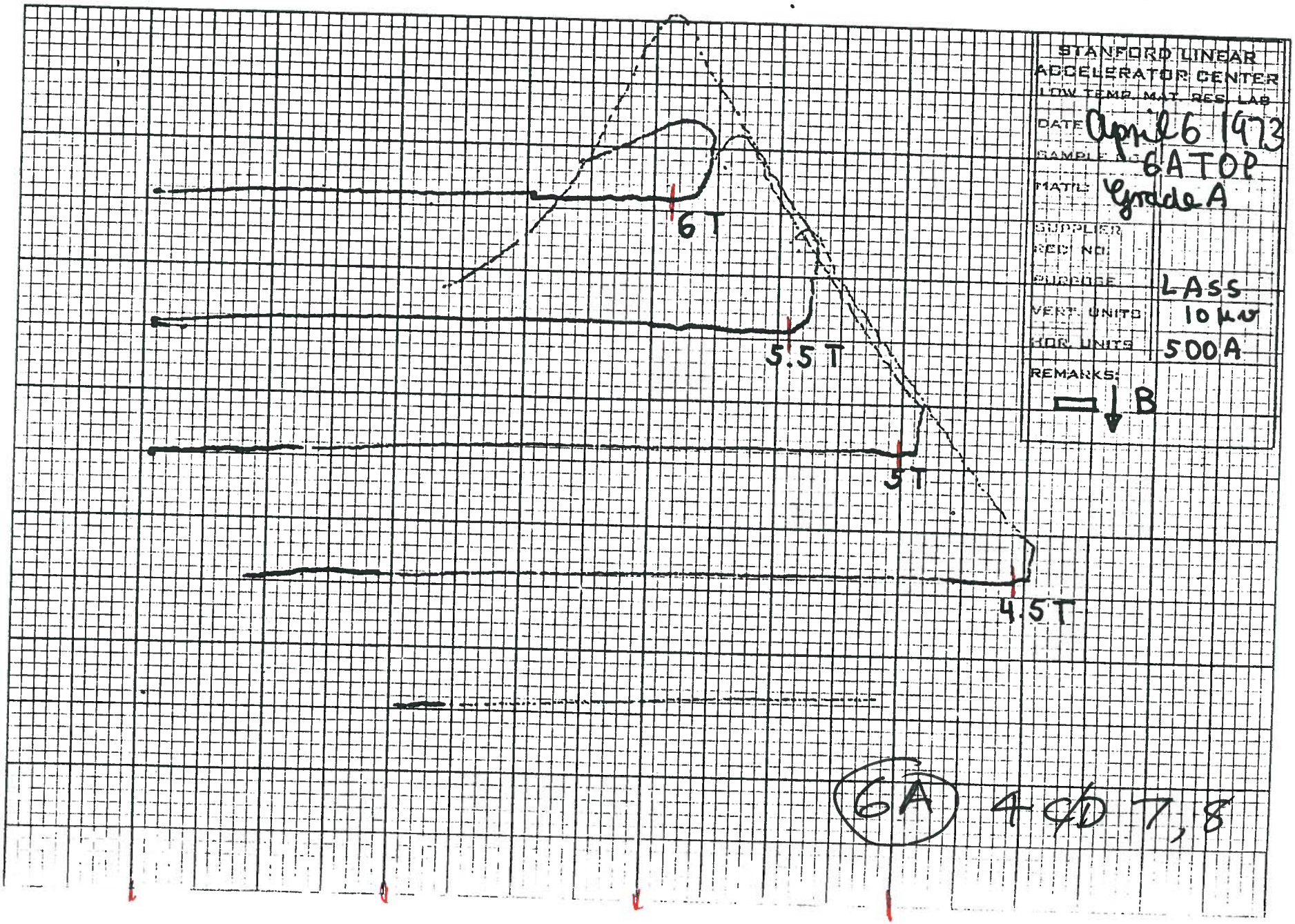
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



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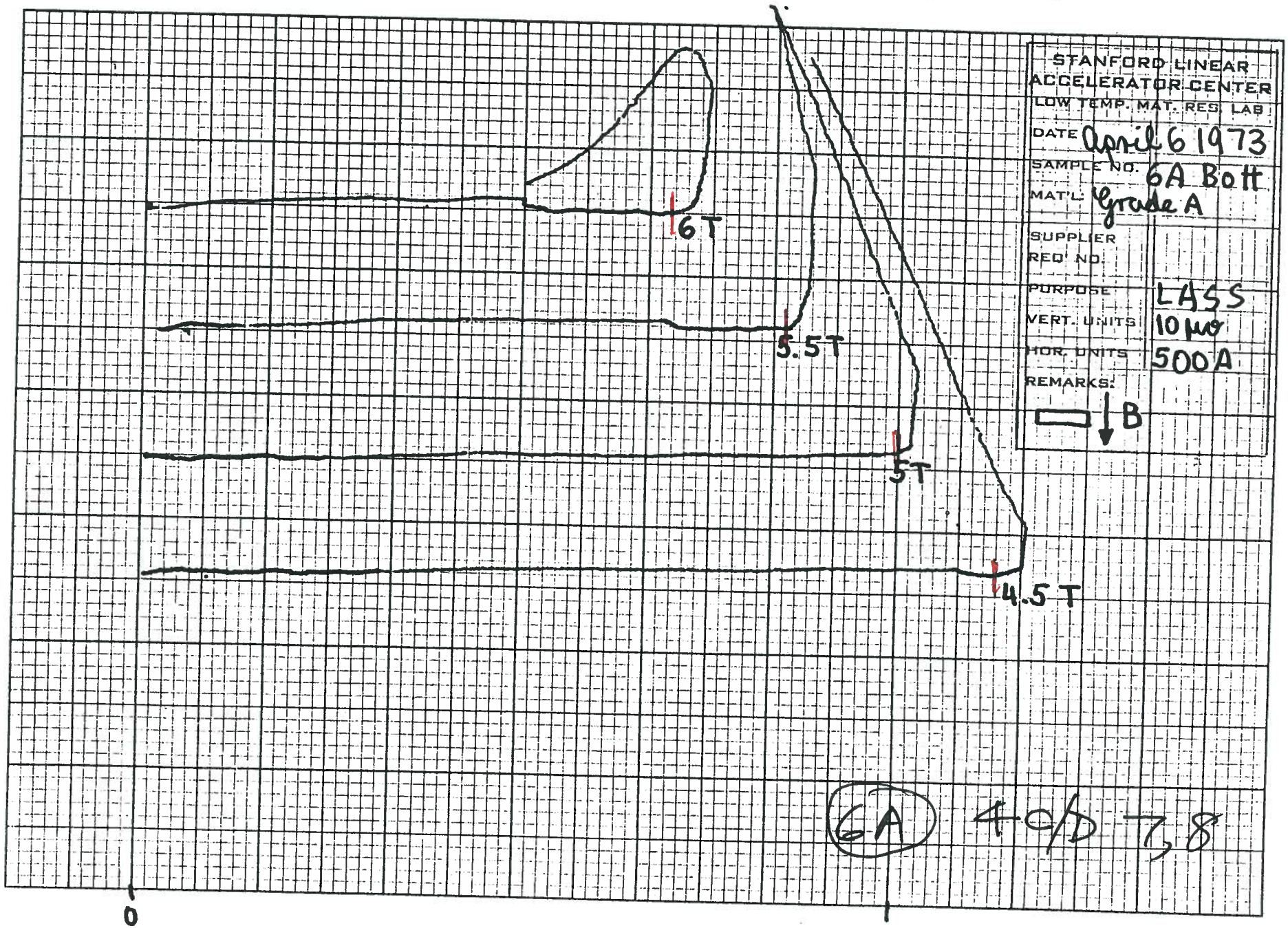
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
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FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

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FOR USE ON AUTOGRAF RECORDERS
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9270-1006
FOR USE ON AUTOGRAF RECORDERS
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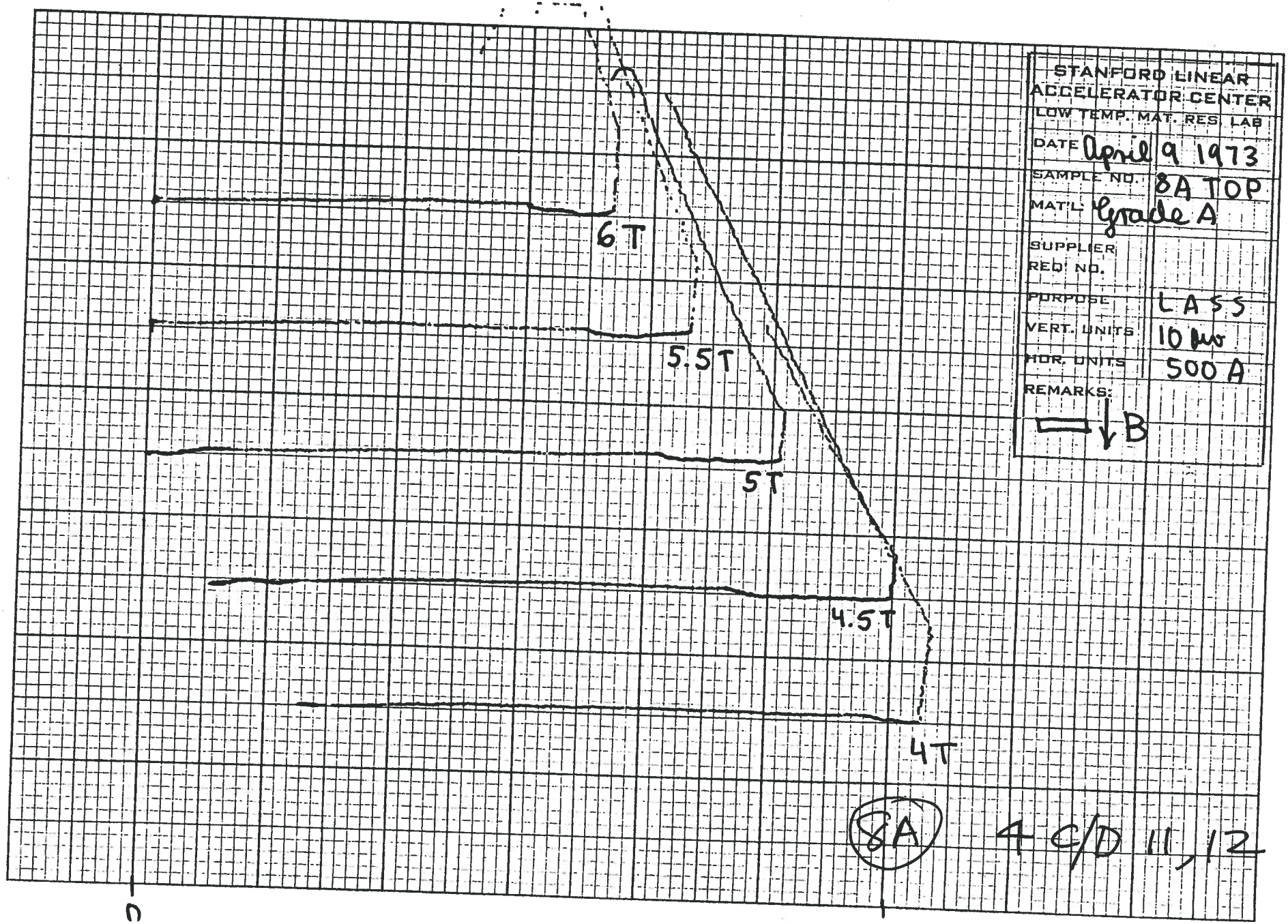

HEWLETT PACKARD MOSELEY DIVISION
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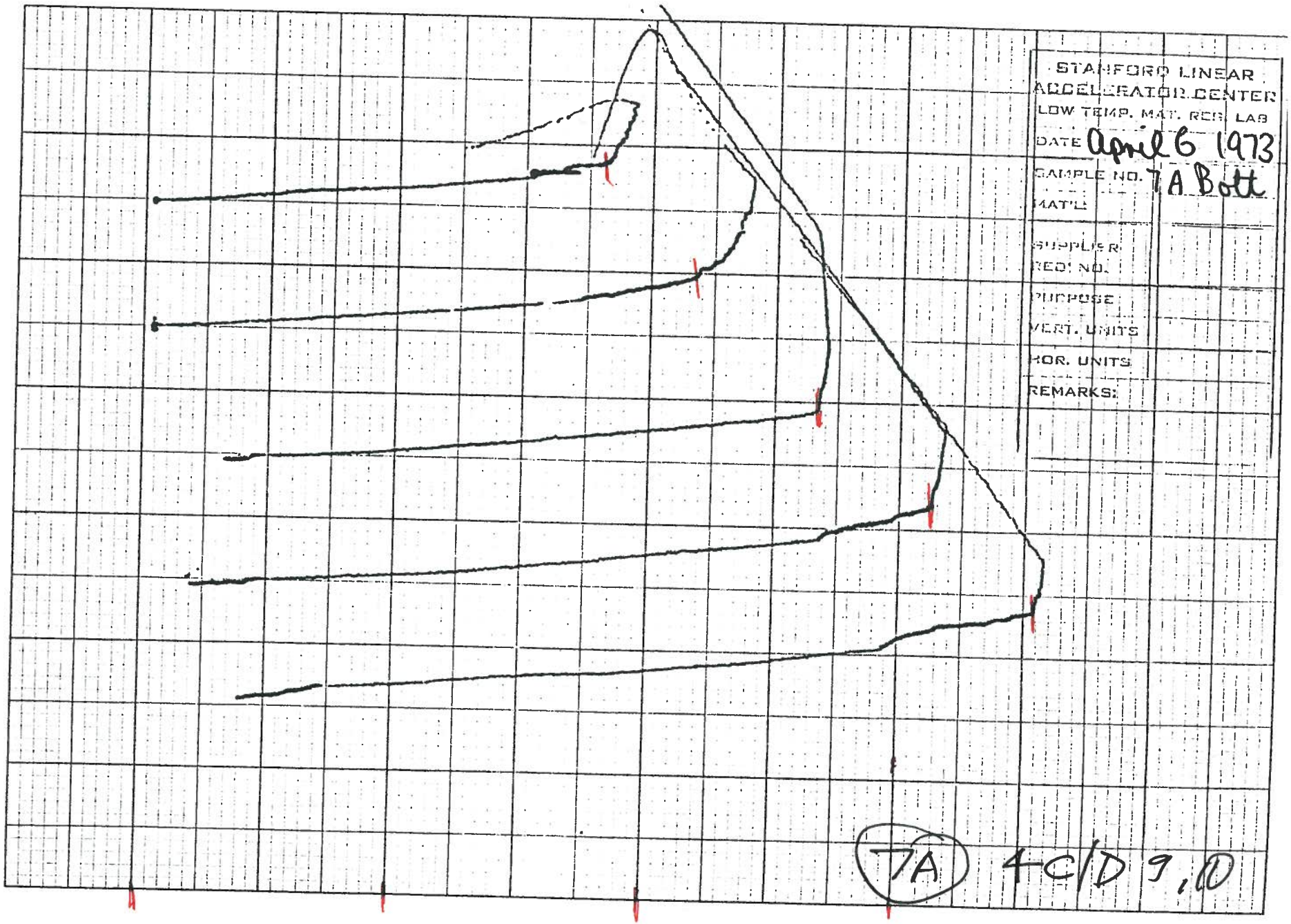
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



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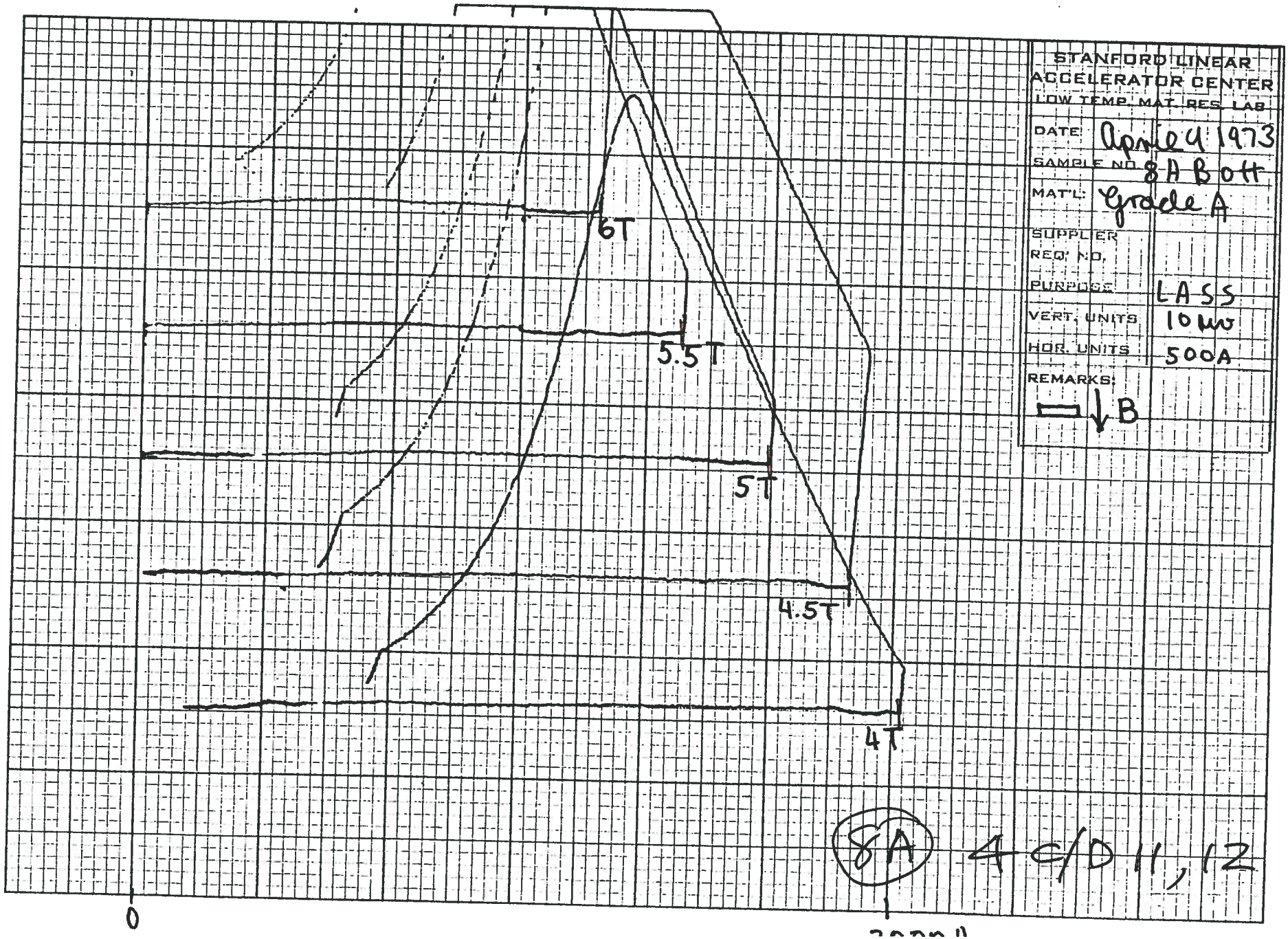
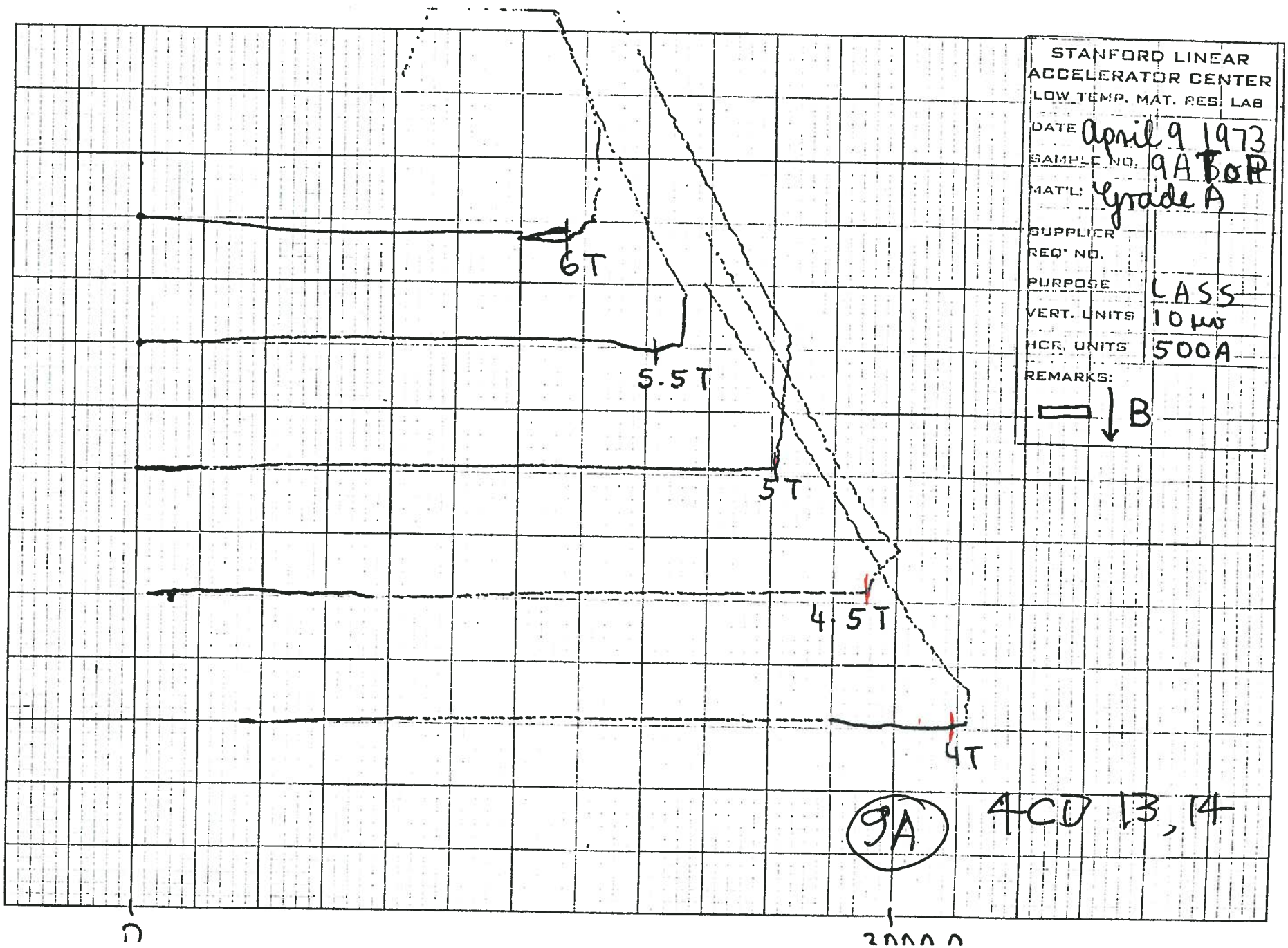
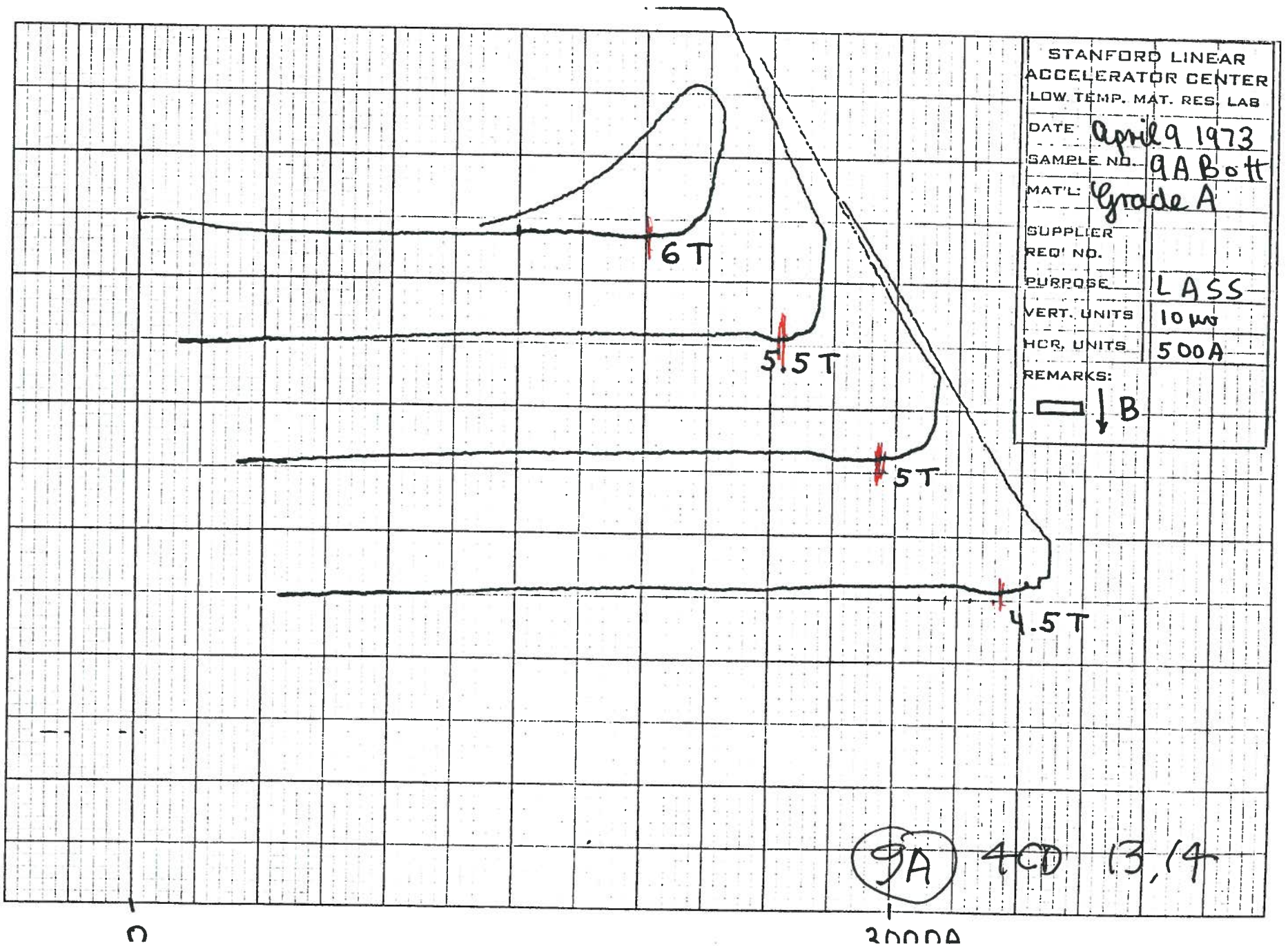
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



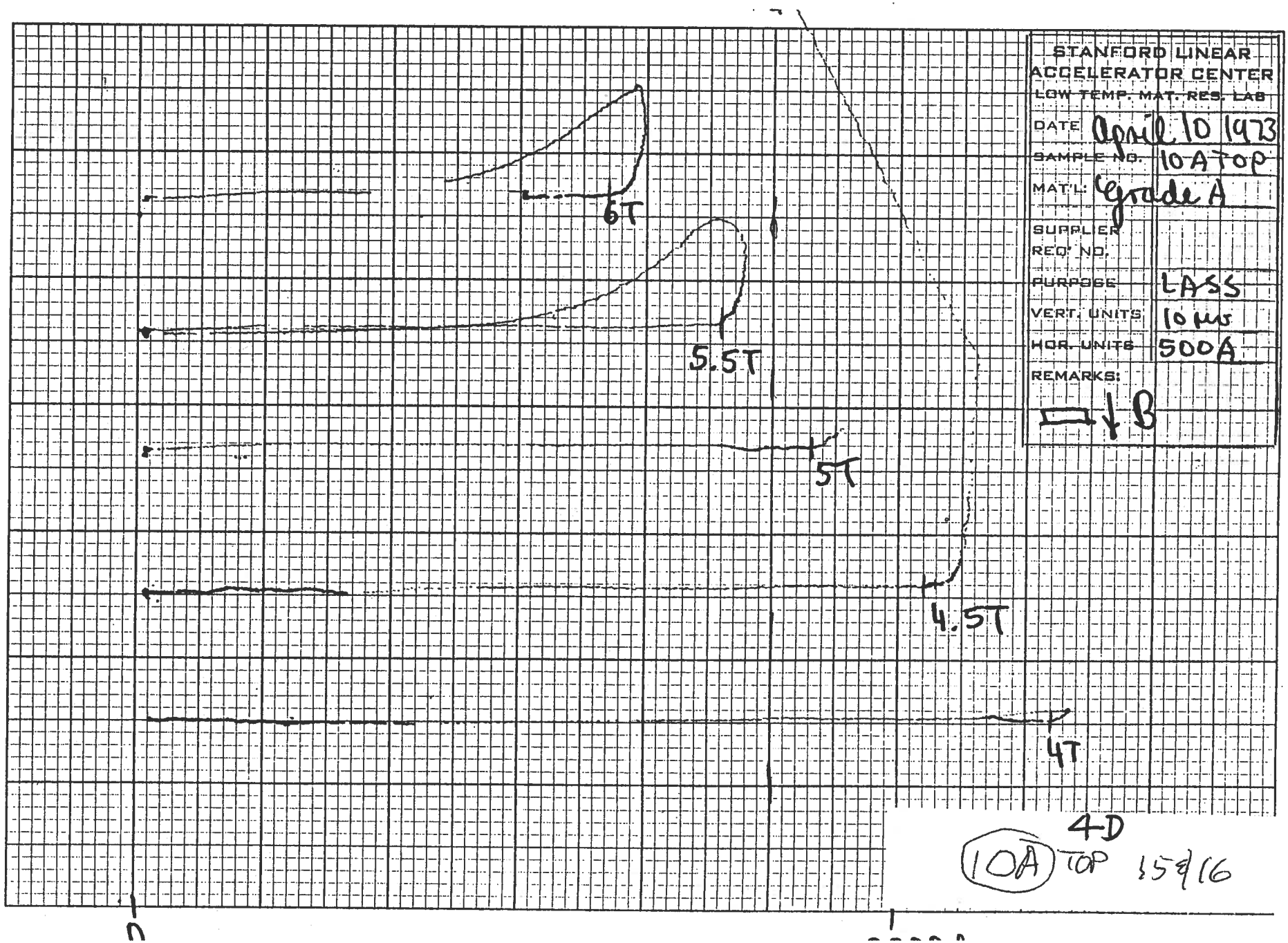
HEWLETT-PACKARD MOSELEY DIVISION
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



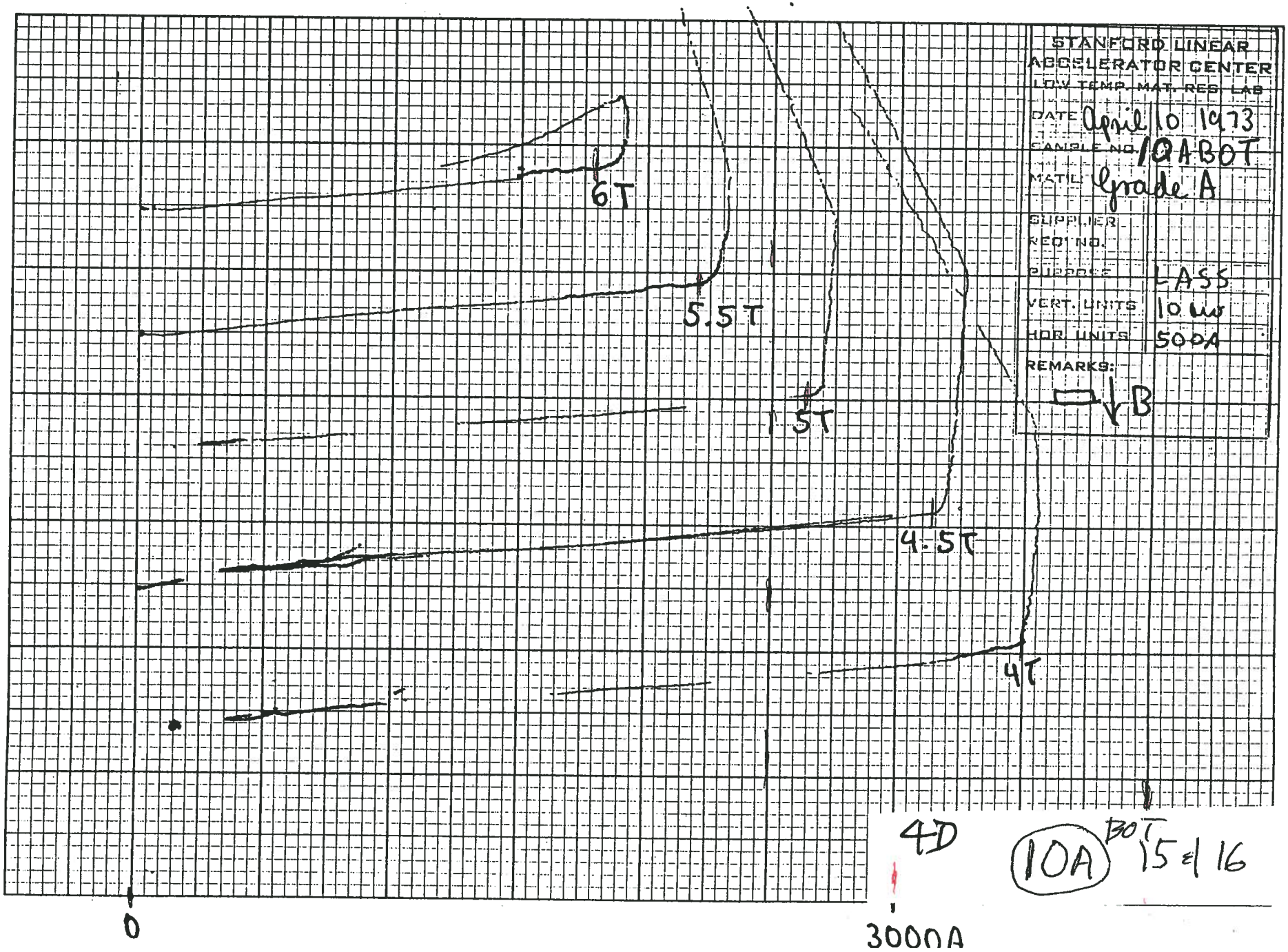
HEWLETT-PACKARD/MOSELEY DIVISION
5270-100C
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



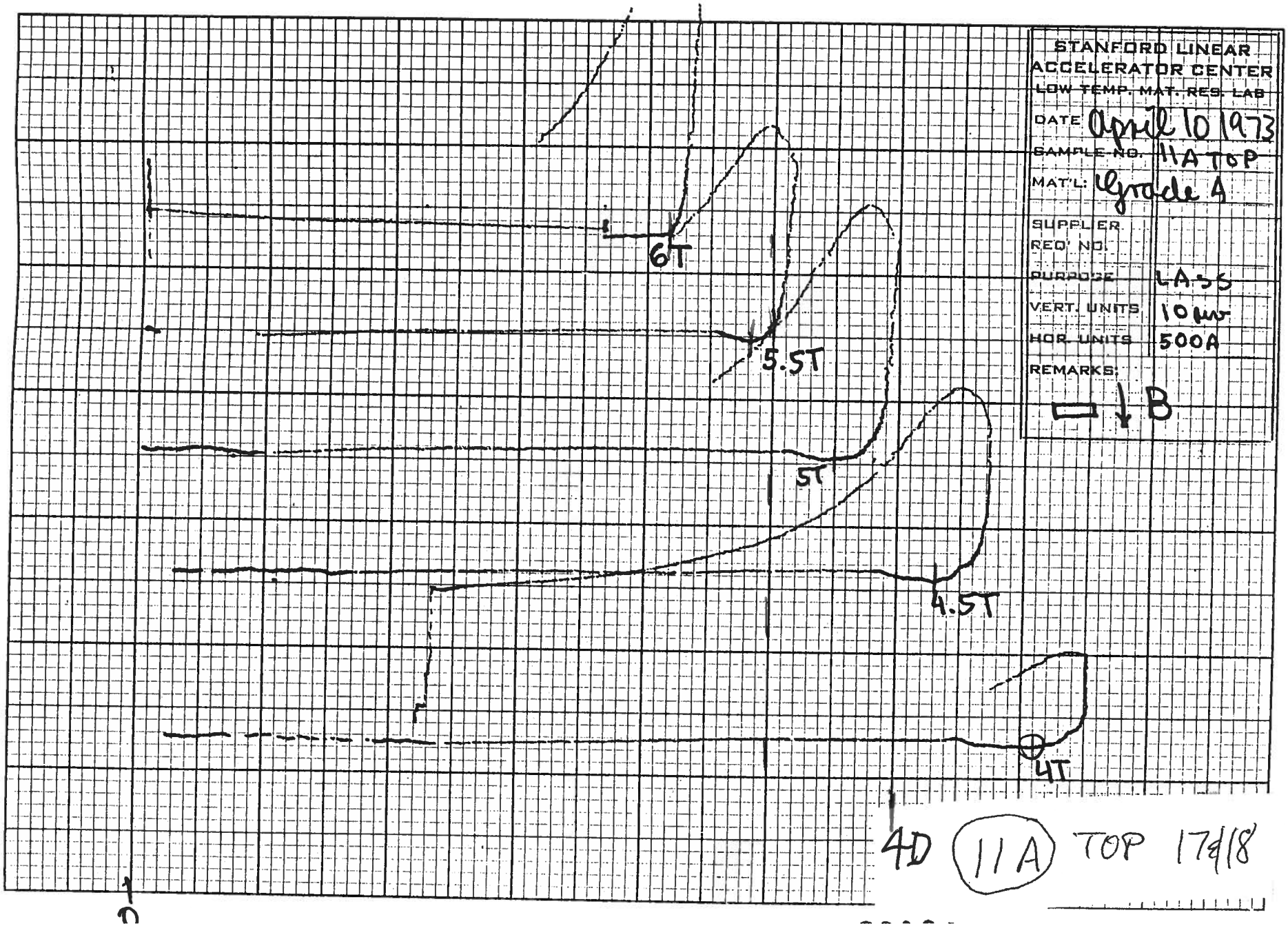
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

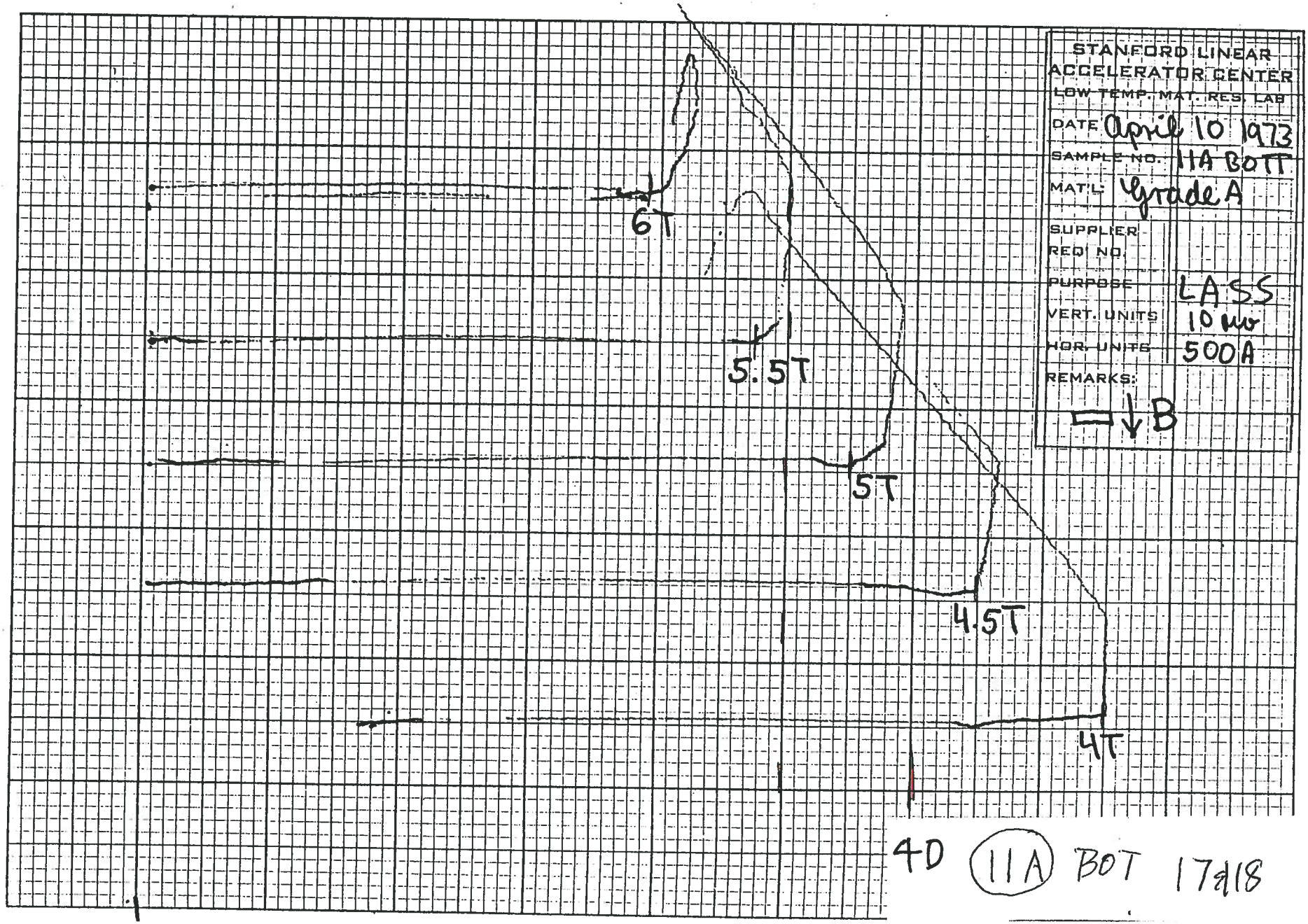


HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



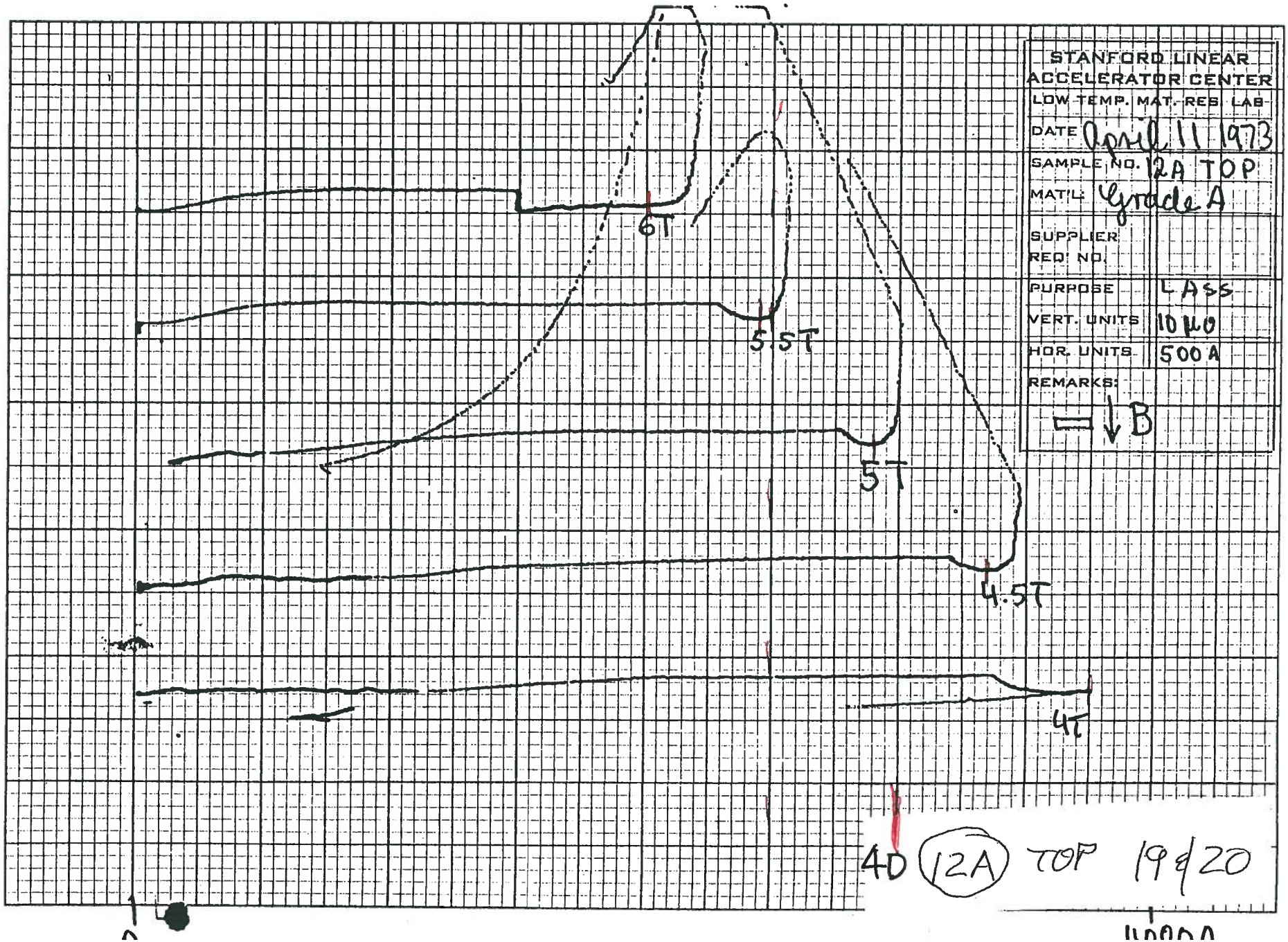
4D (11A) TOP 17&18

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



4D (11A) BOT 17d18

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB.

DATE	April 11 1973
SAMPLE NO.	12A TOP
MAT'L	Grade A
SUPPLIER	
REQ. NO.	
PURPOSE	LASS
VERT. UNITS	10 μΩ
HOR. UNITS	500 A

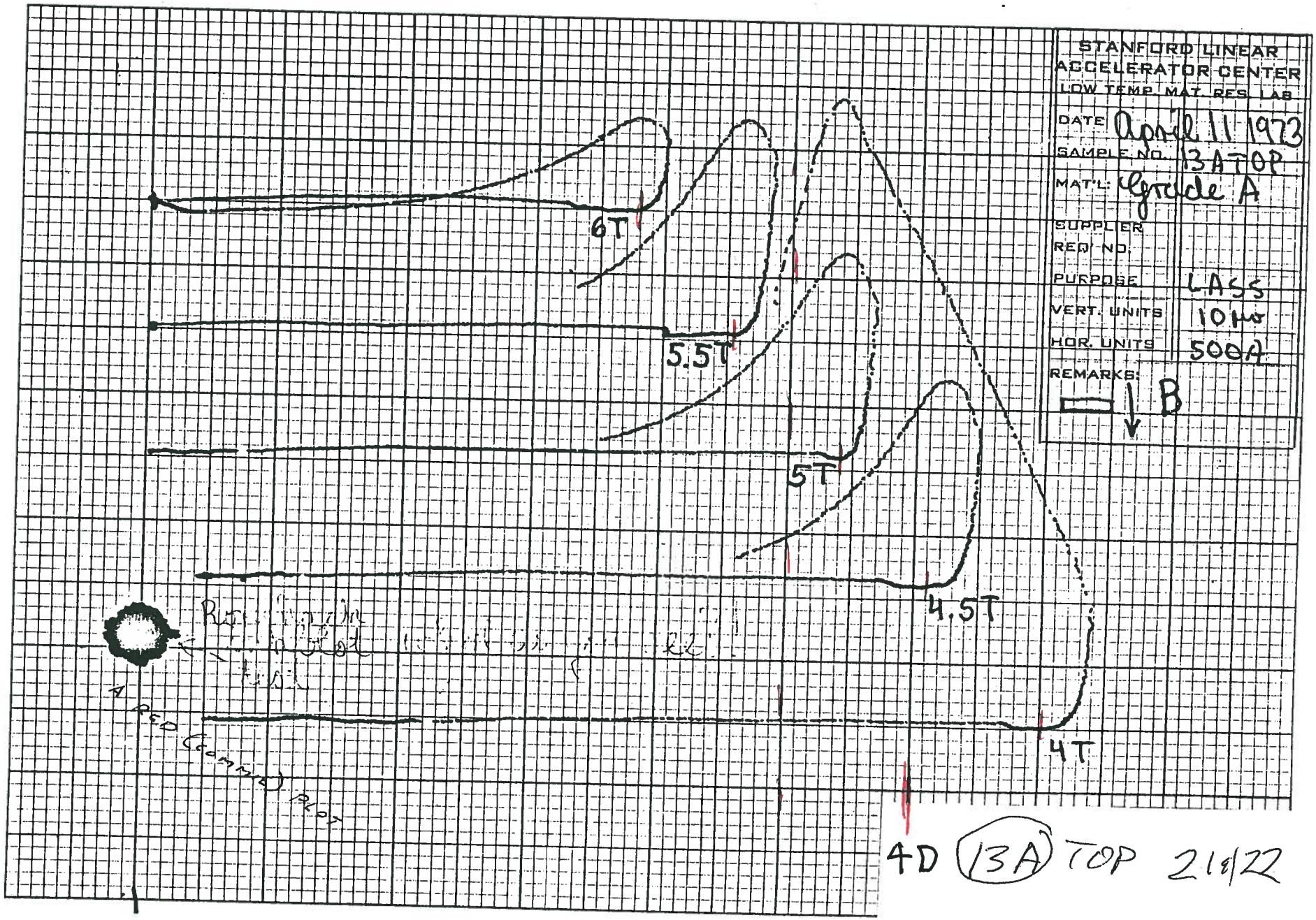
REMARKS:
⊟↓B

4D (12A) TOP 19 & 20

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

4D (12A) BOT 19&20

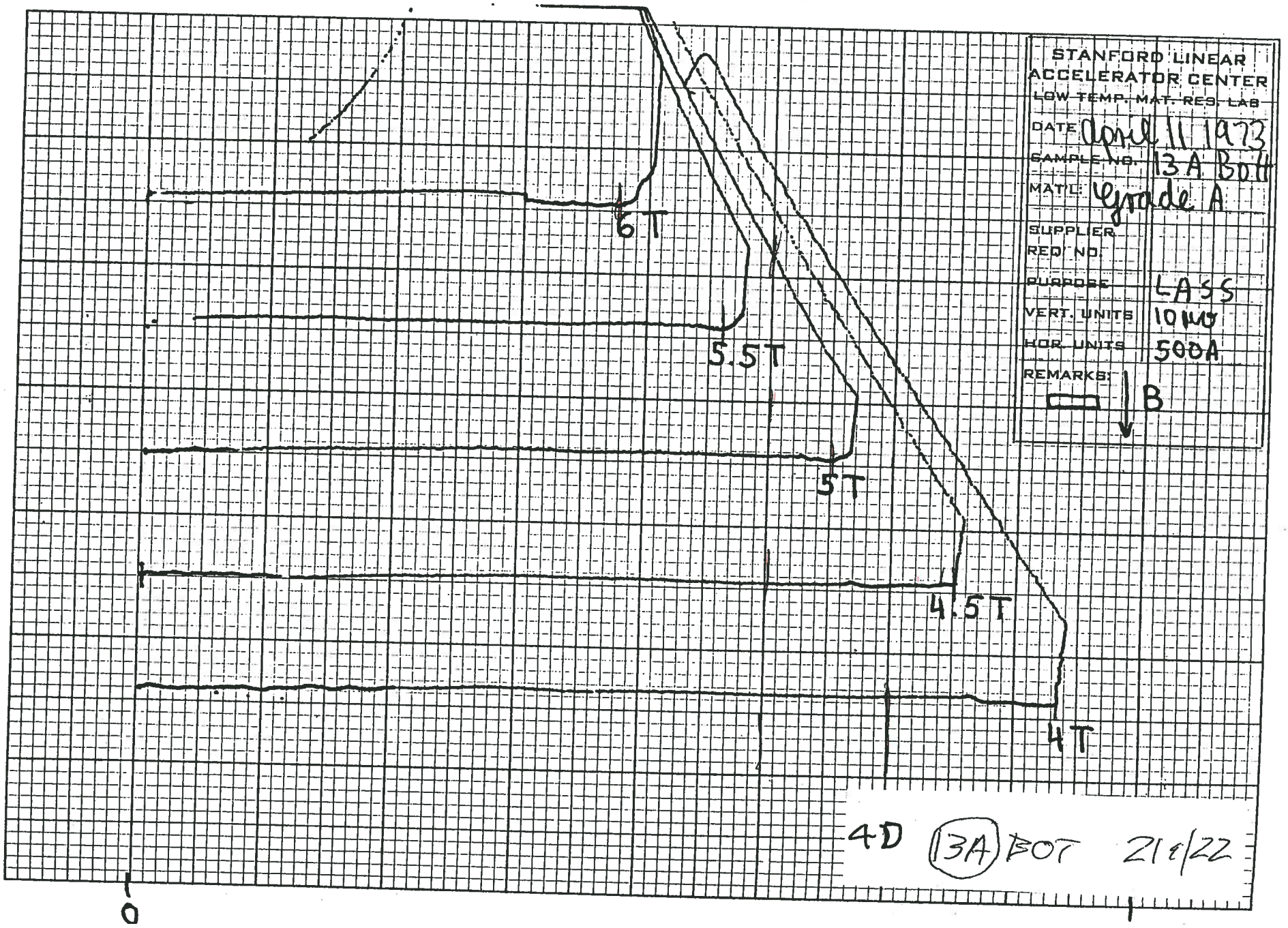
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



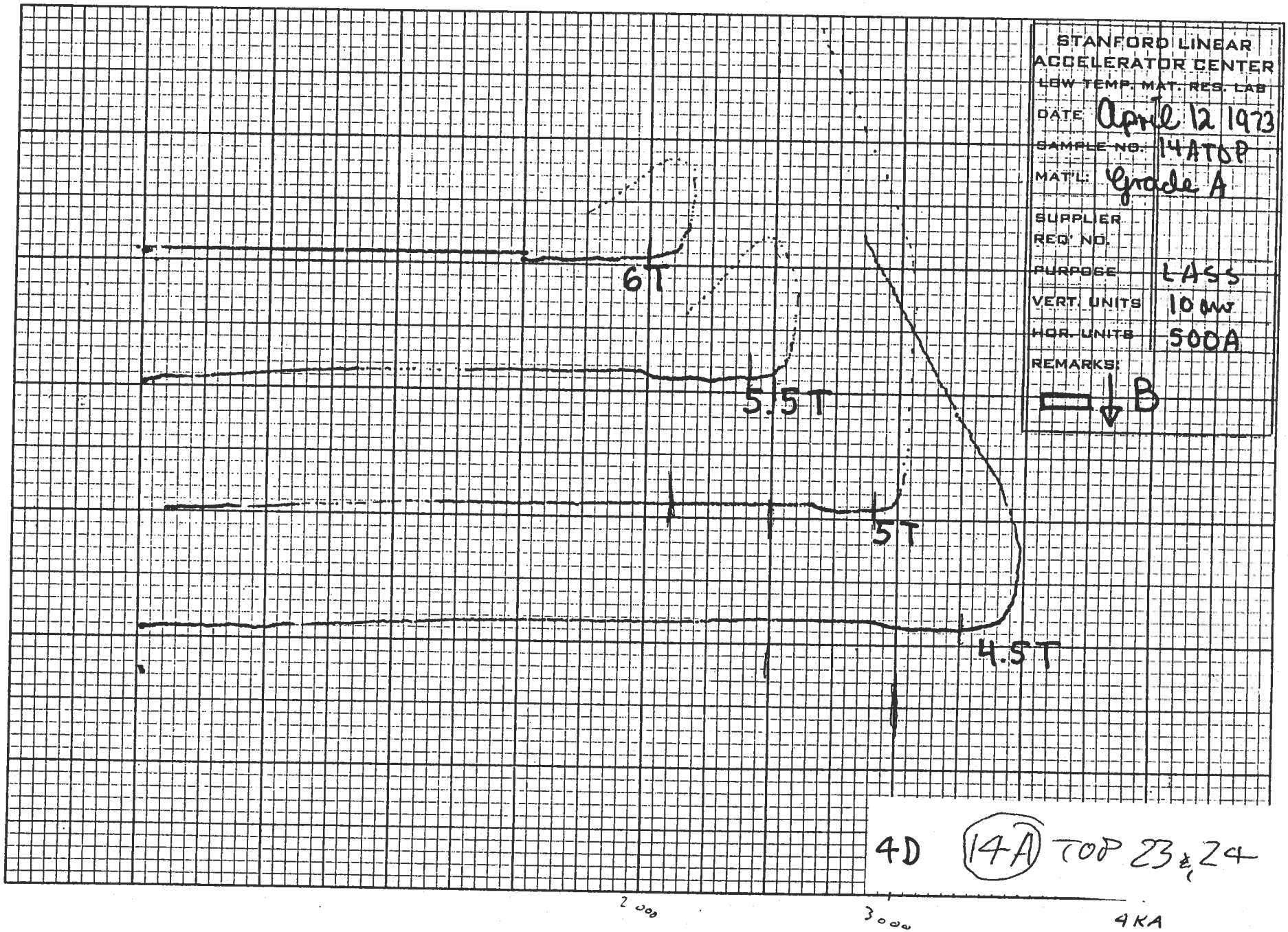
4D (13A) TOP 2/8/22

1000 A

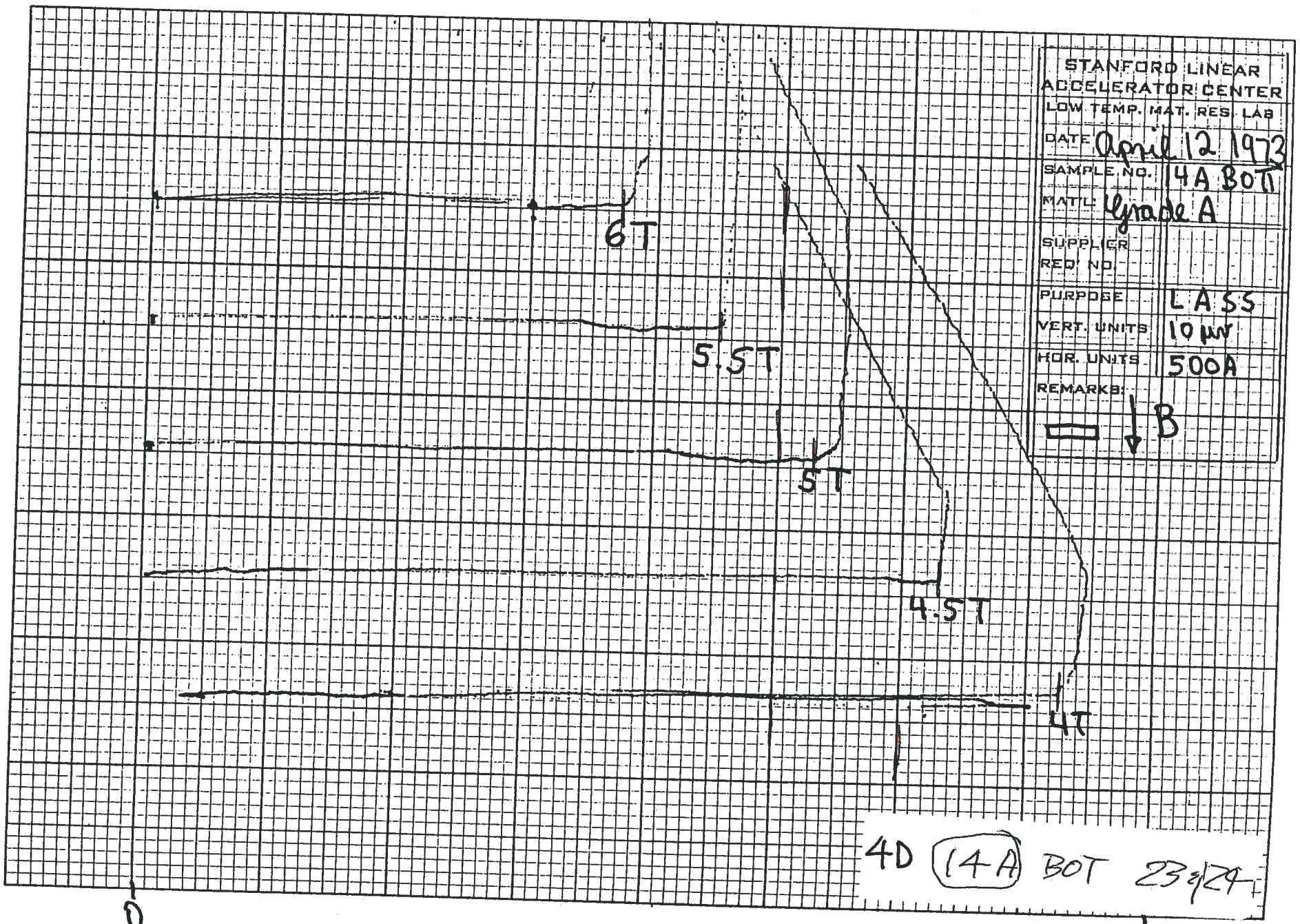
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



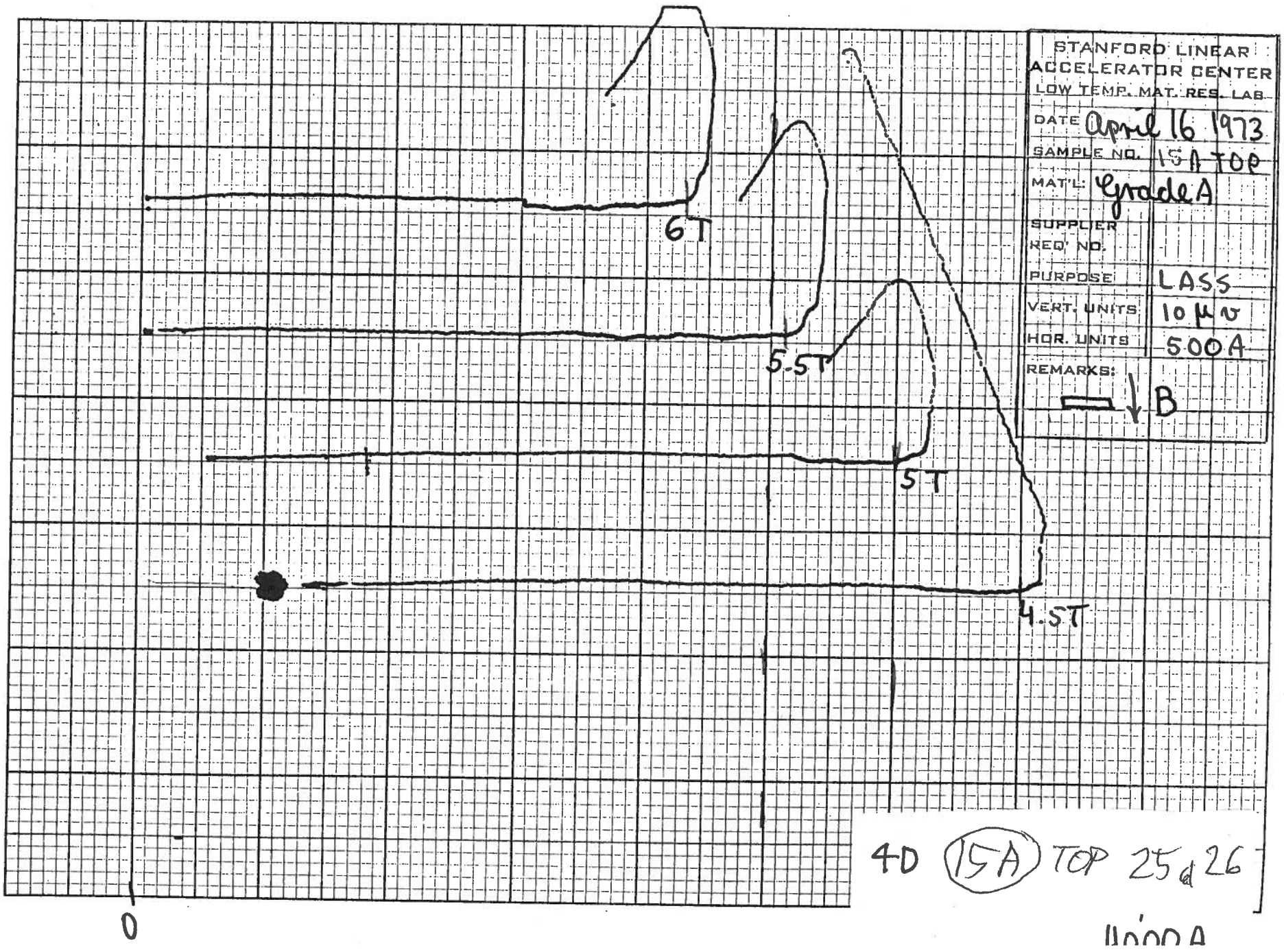
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

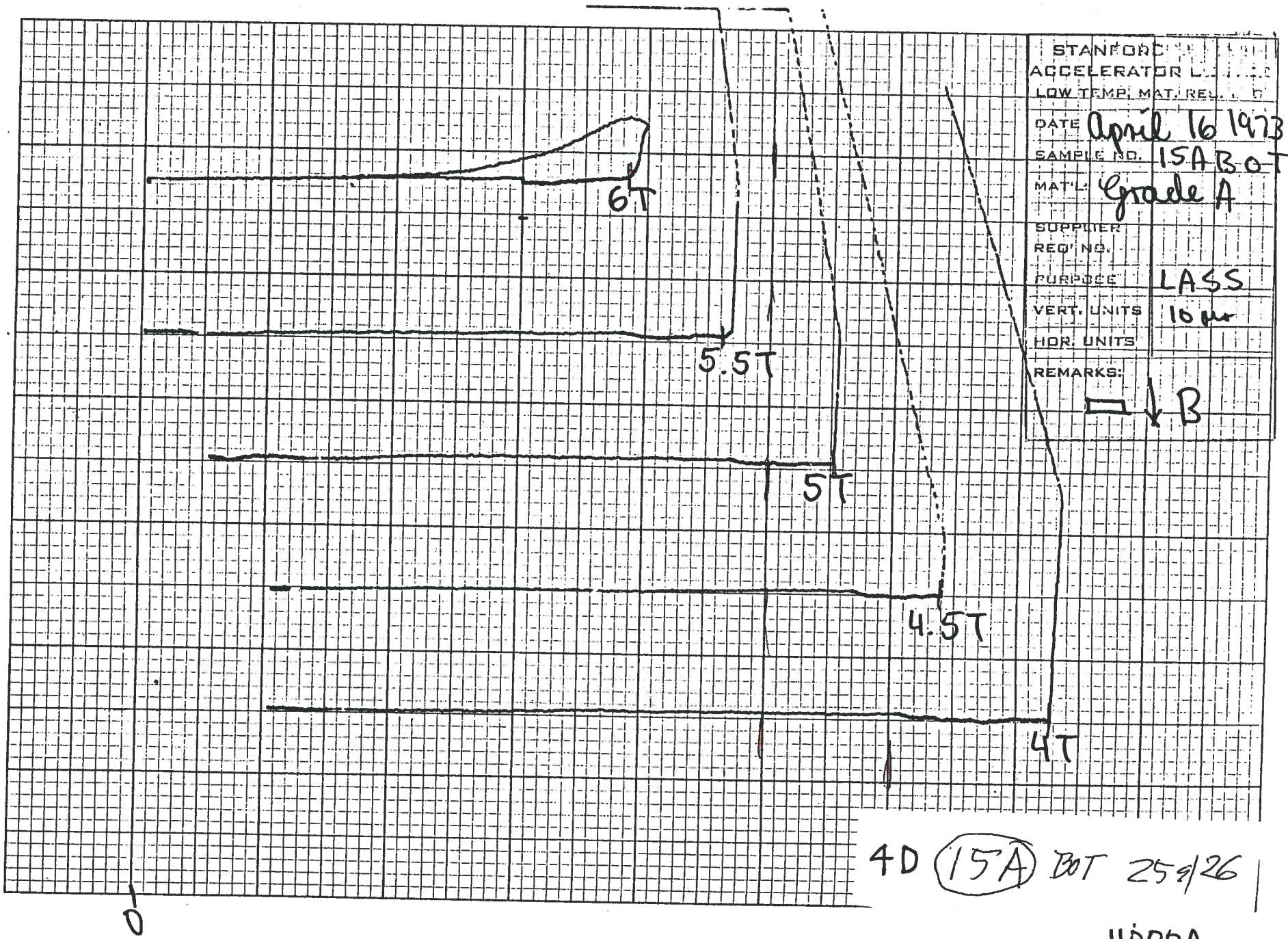


HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

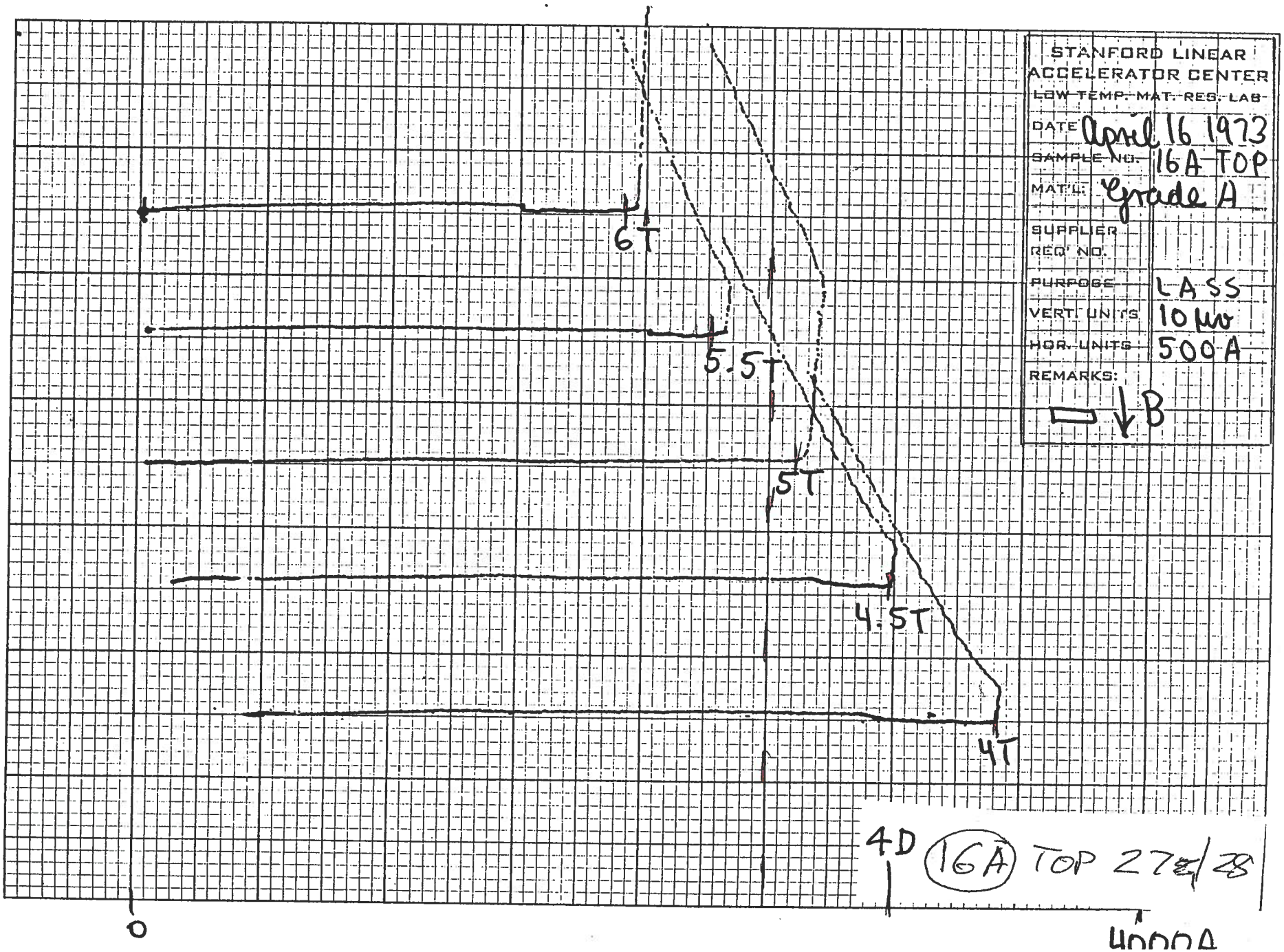


4D (15A) TOP 25 & 26

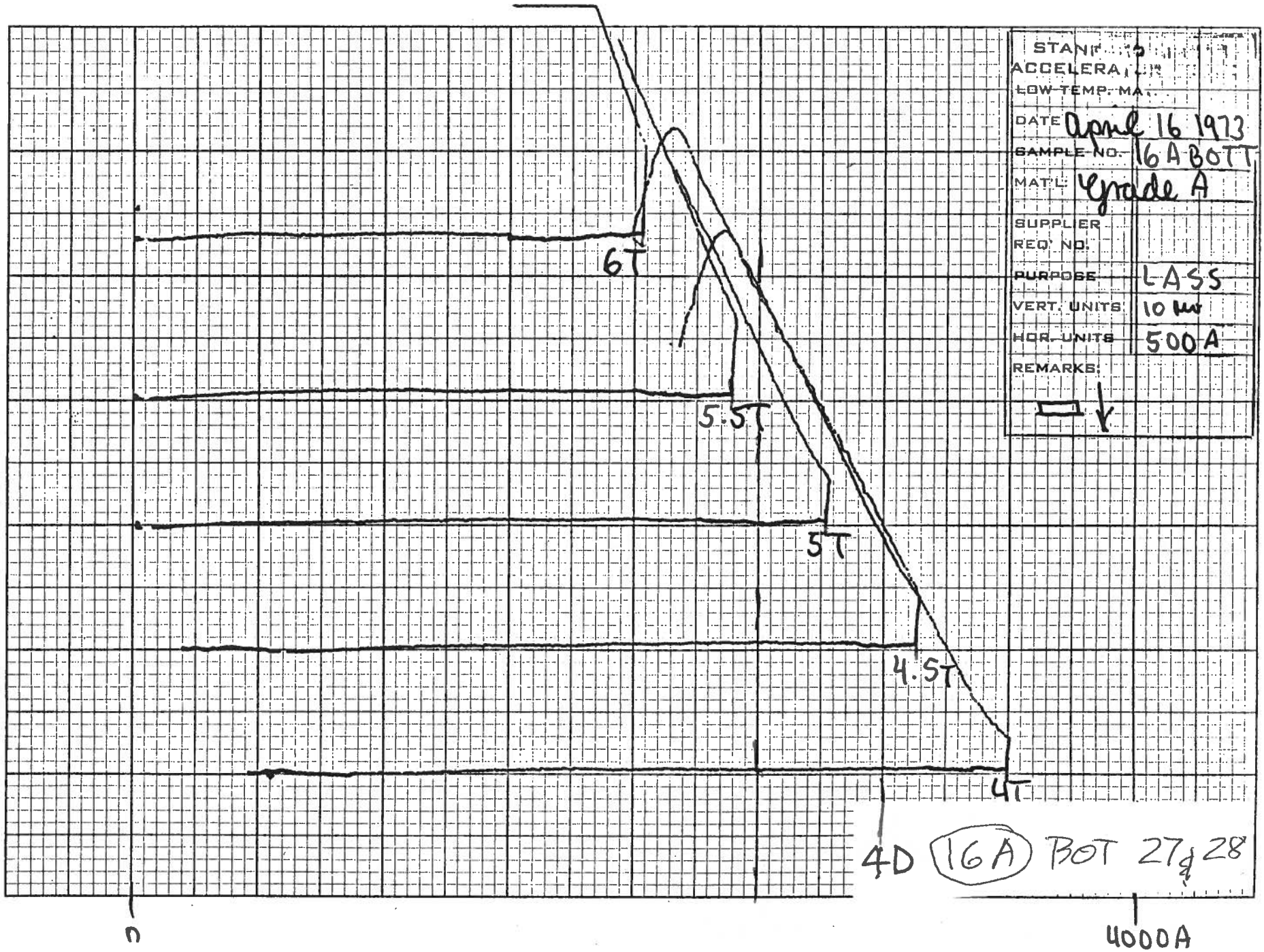
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



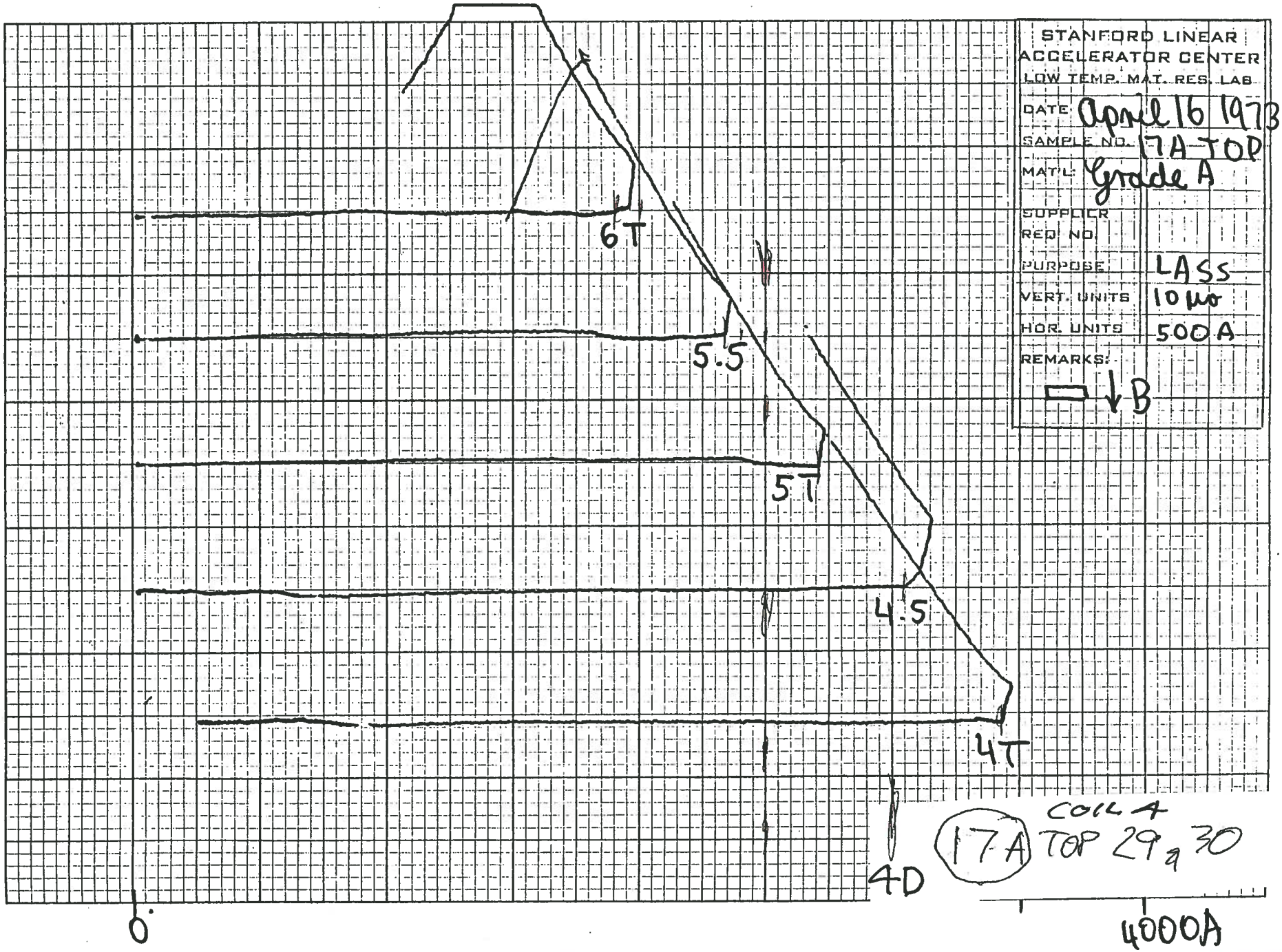
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

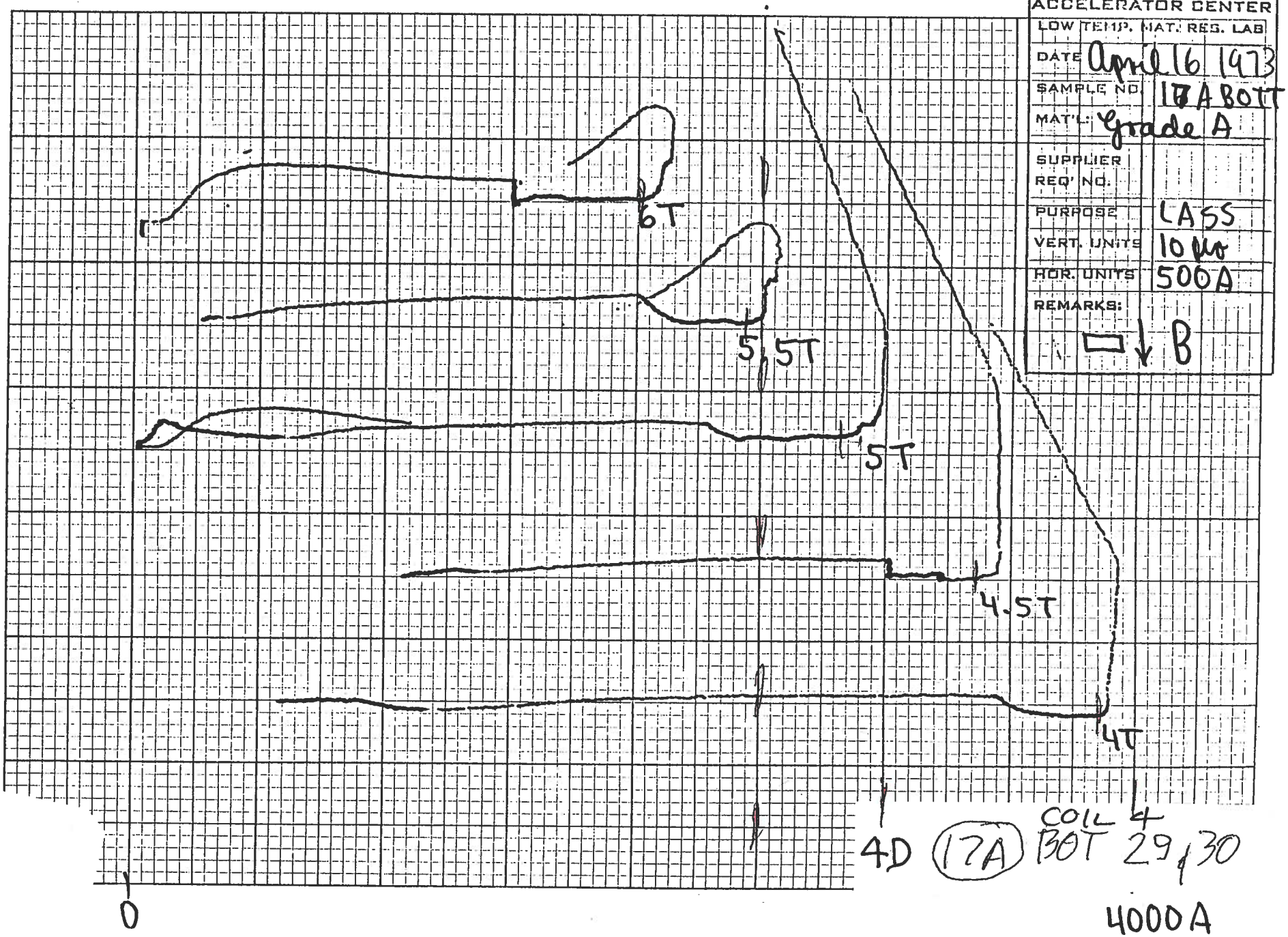


HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

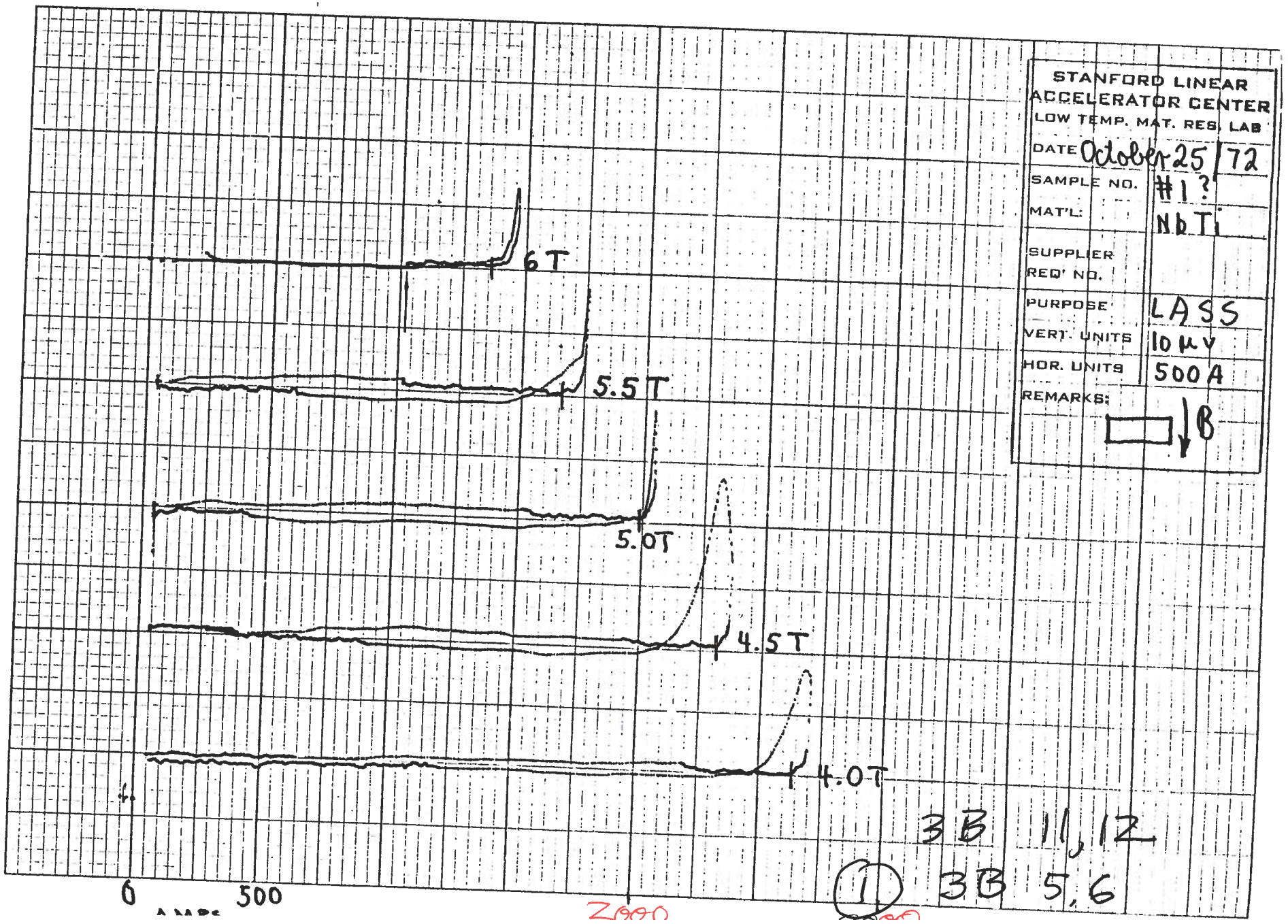


HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

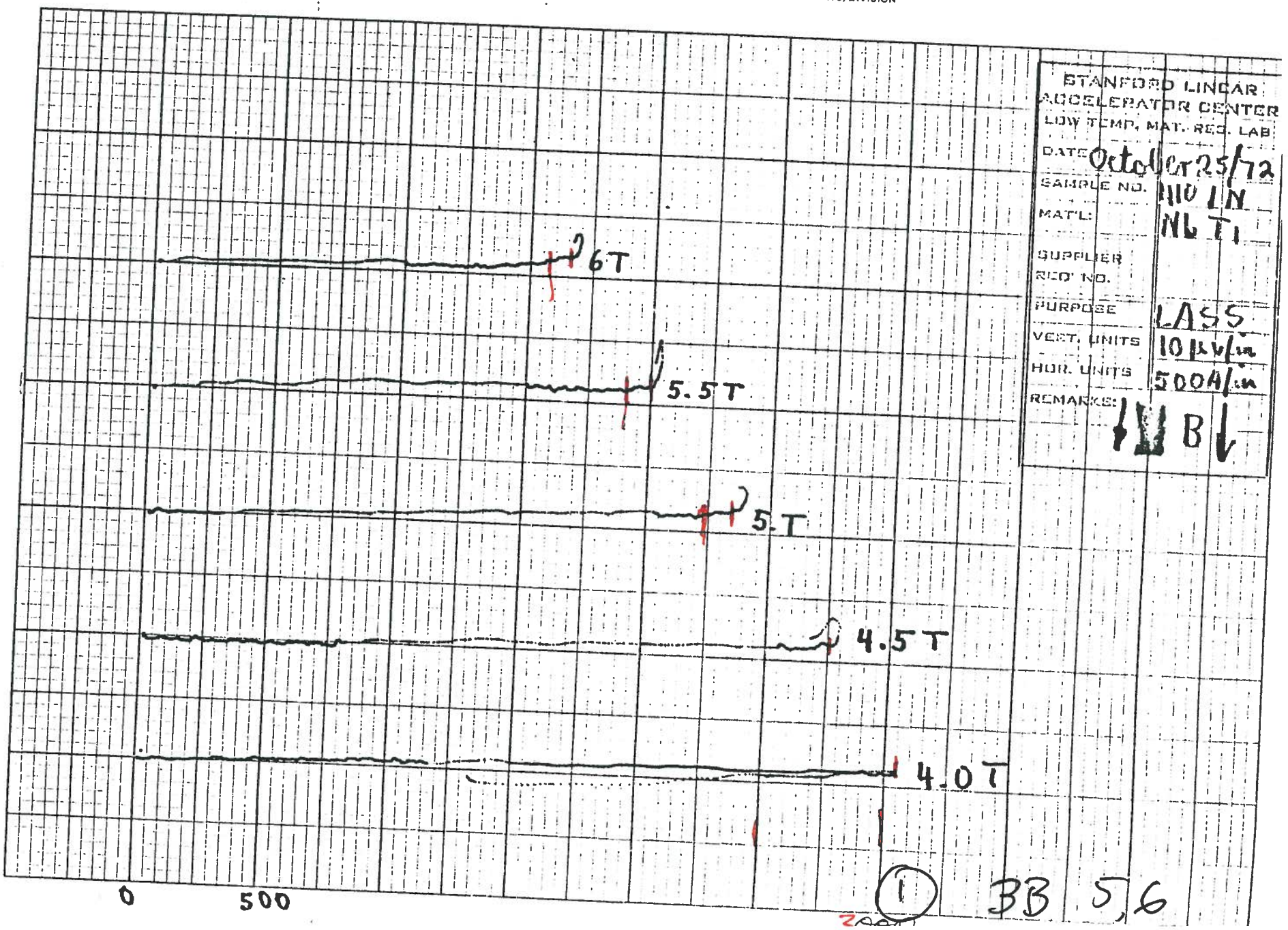
STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB
DATE April 16 1973
SAMPLE NO. 17A BOTT
MAT'L. Grade A
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10 kG
HOR. UNITS 500A
REMARKS:
□ ↓ B



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



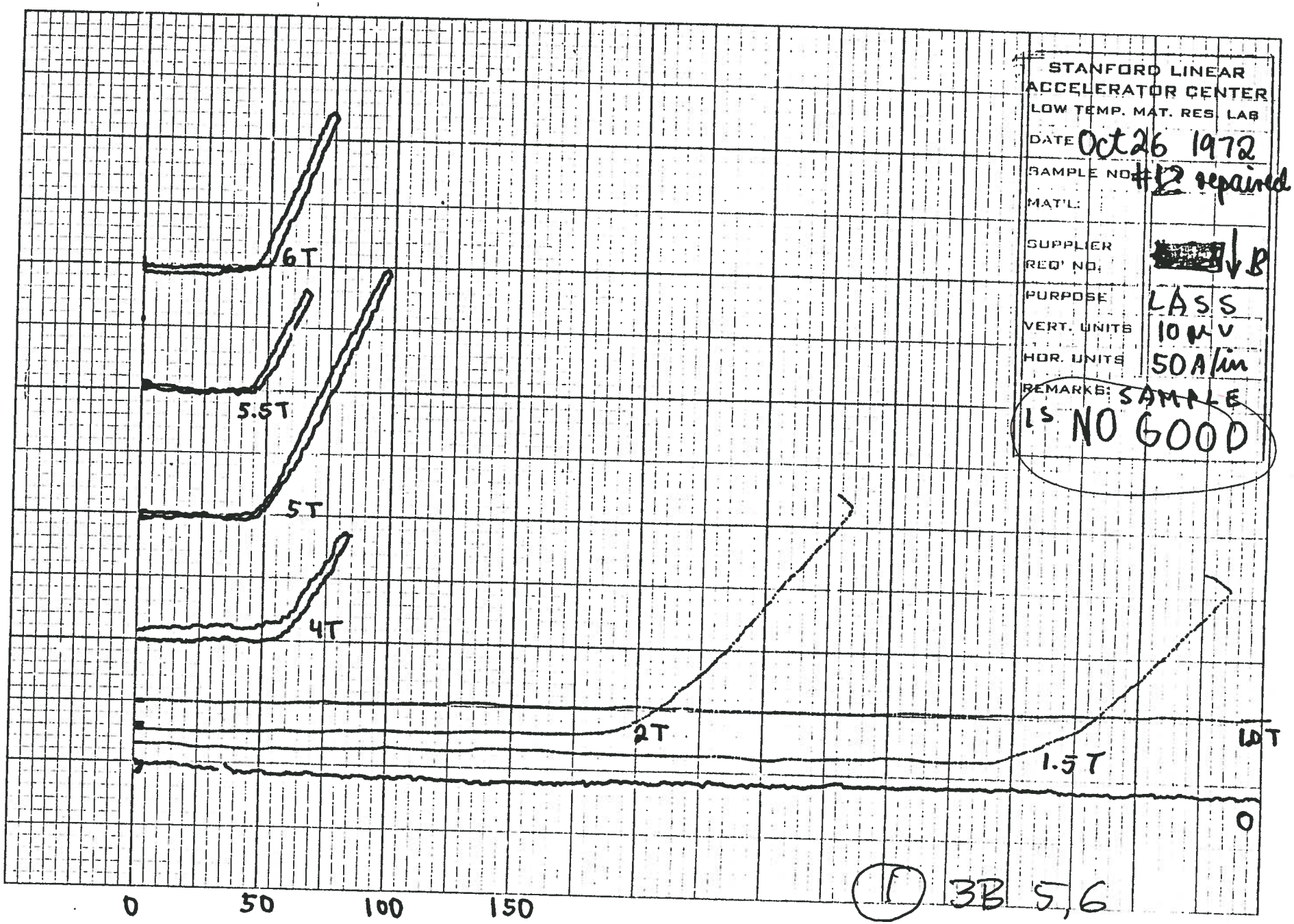
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



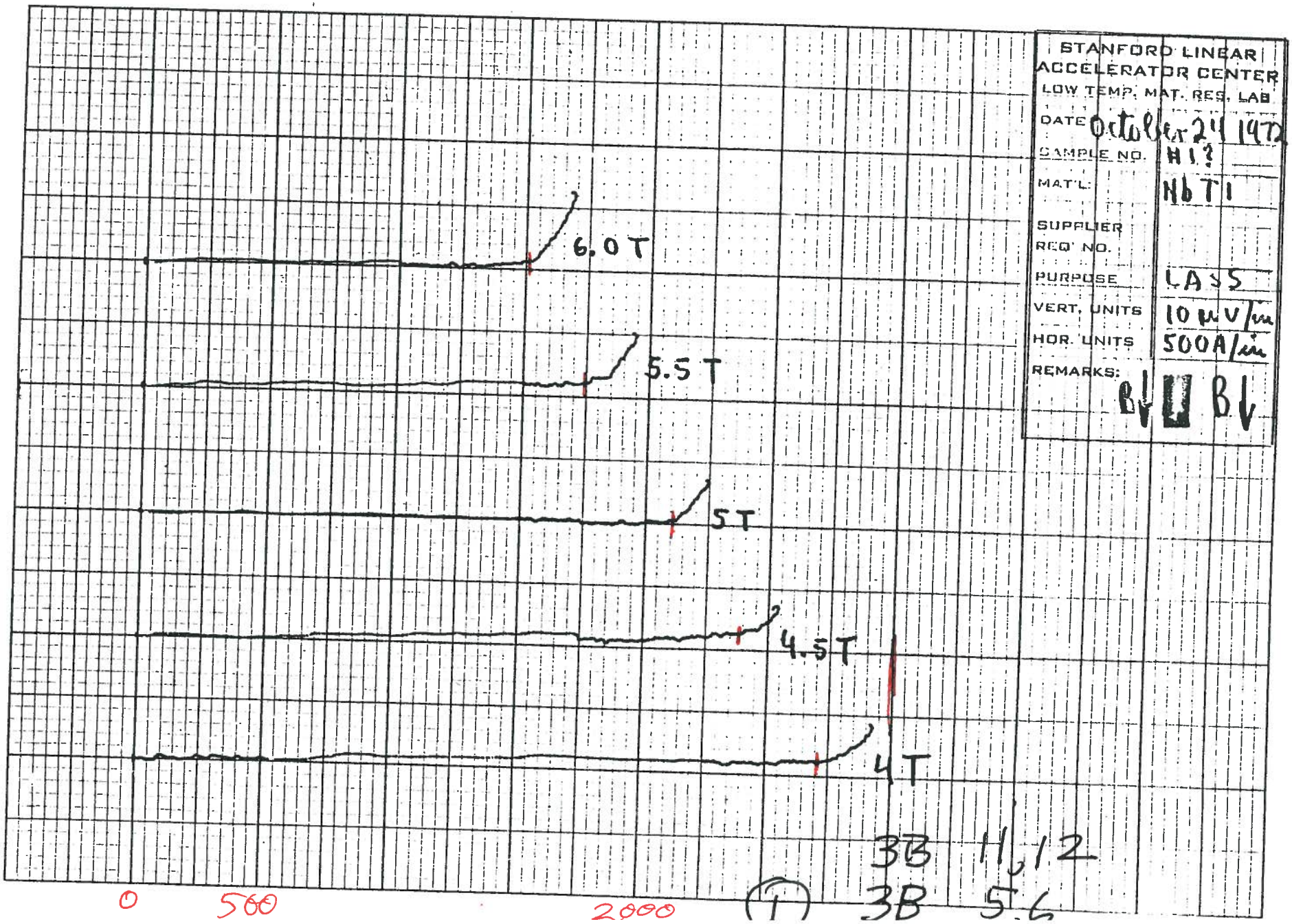
STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. REQ. LAB

DATE	October 25/72
SAMPLE NO.	110 LN
MAT'L:	NbTi
SUPPLIER REQ' NO.	
PURPOSE	LASS
VERT. UNITS	10 μV/in
HOR. UNITS	500A/in
REMARKS:	UB

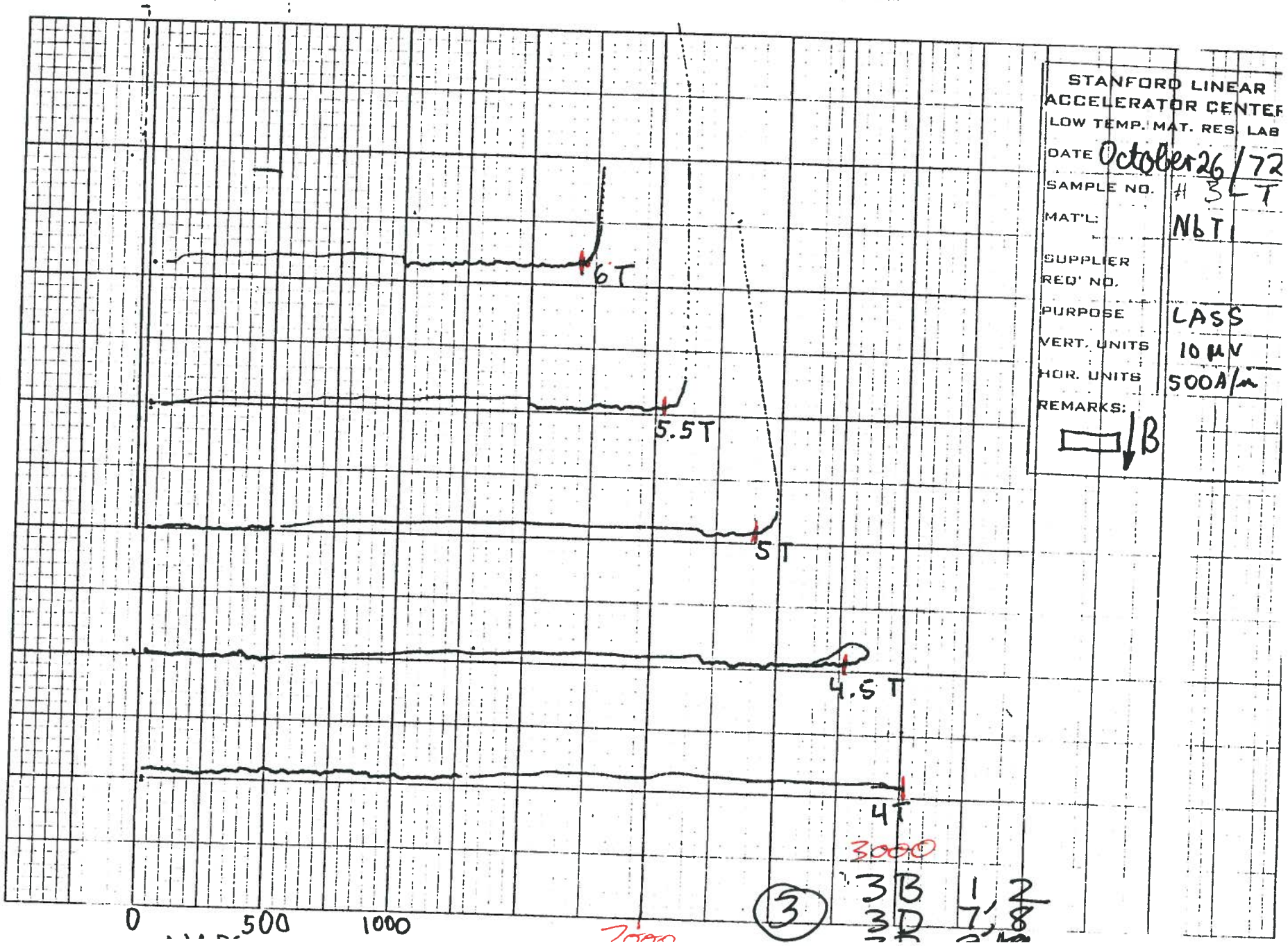
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



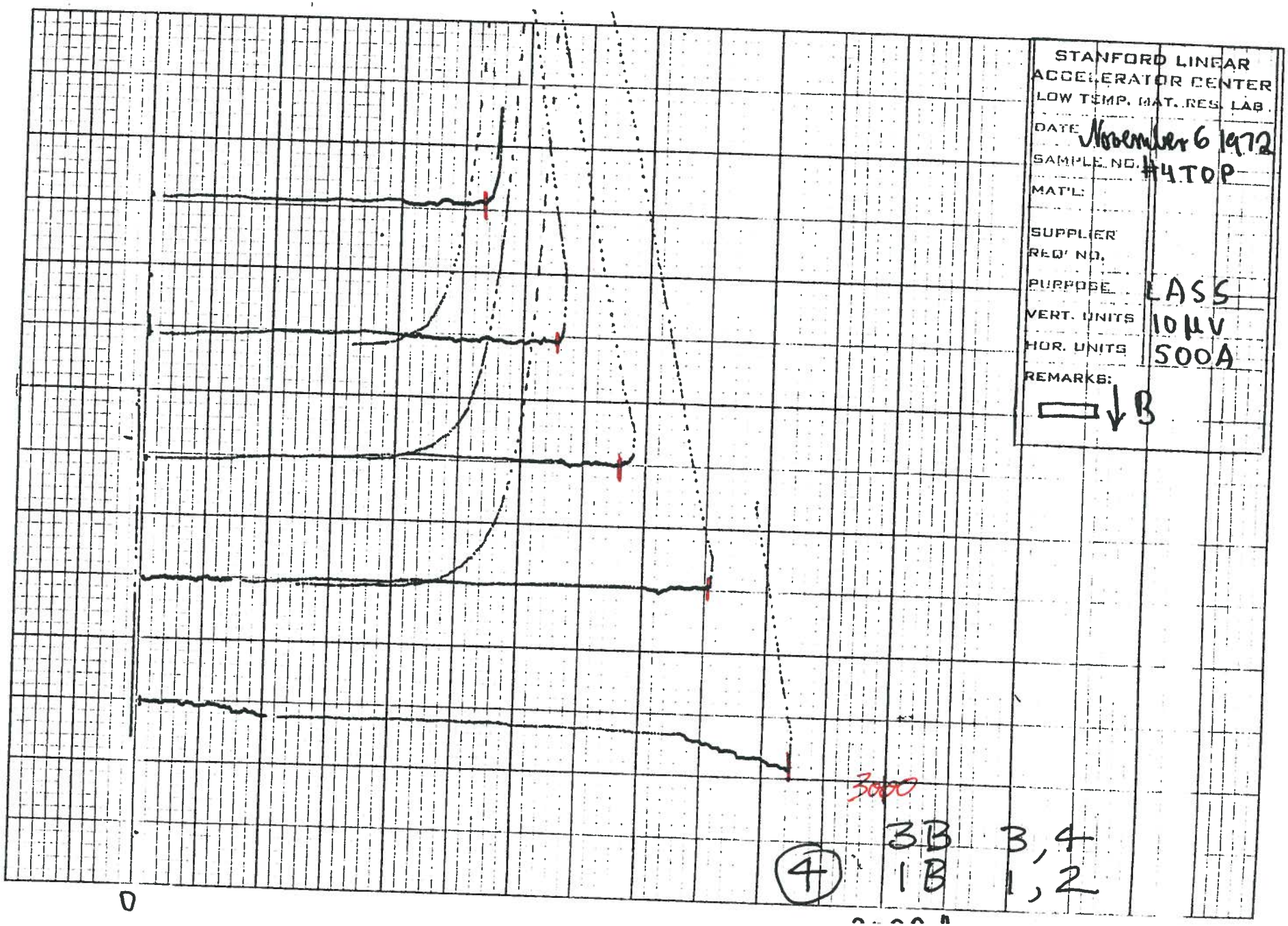
HEWLETT PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB

DATE October 26/72
SAMPLE NO. #3 L T
MAT'L: NbT
SUPPLIER REQ' NO.
PURPOSE LASS
VERT. UNITS 10 μV
HOR. UNITS 500A/in
REMARKS: B

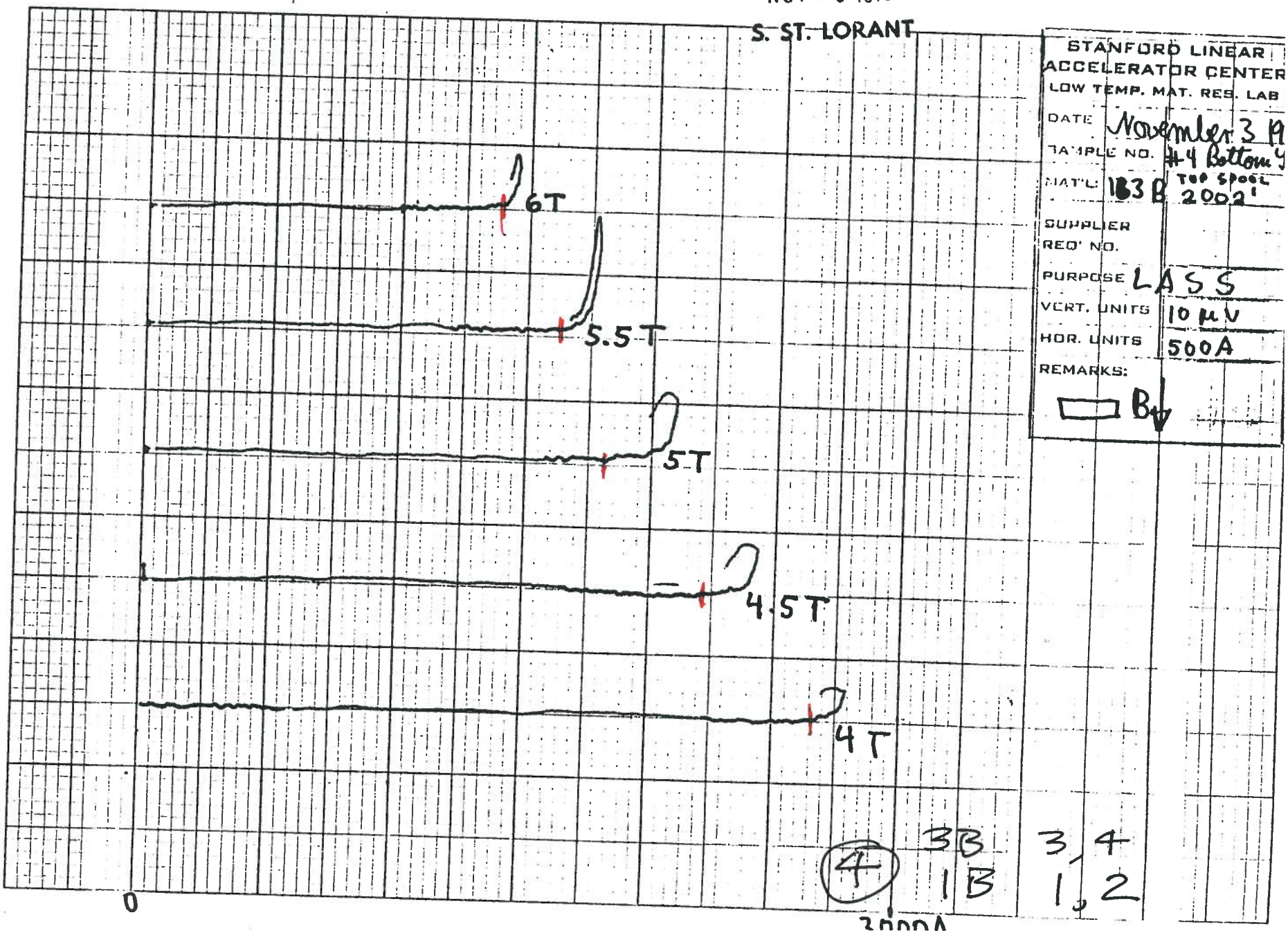
HEWLETT PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD Y DIVISION
FOR USE ON AUTOGRAF RECORDERS
UNIVERSITY

RECEIVED
NOV 6 1972

S. ST. LORANT

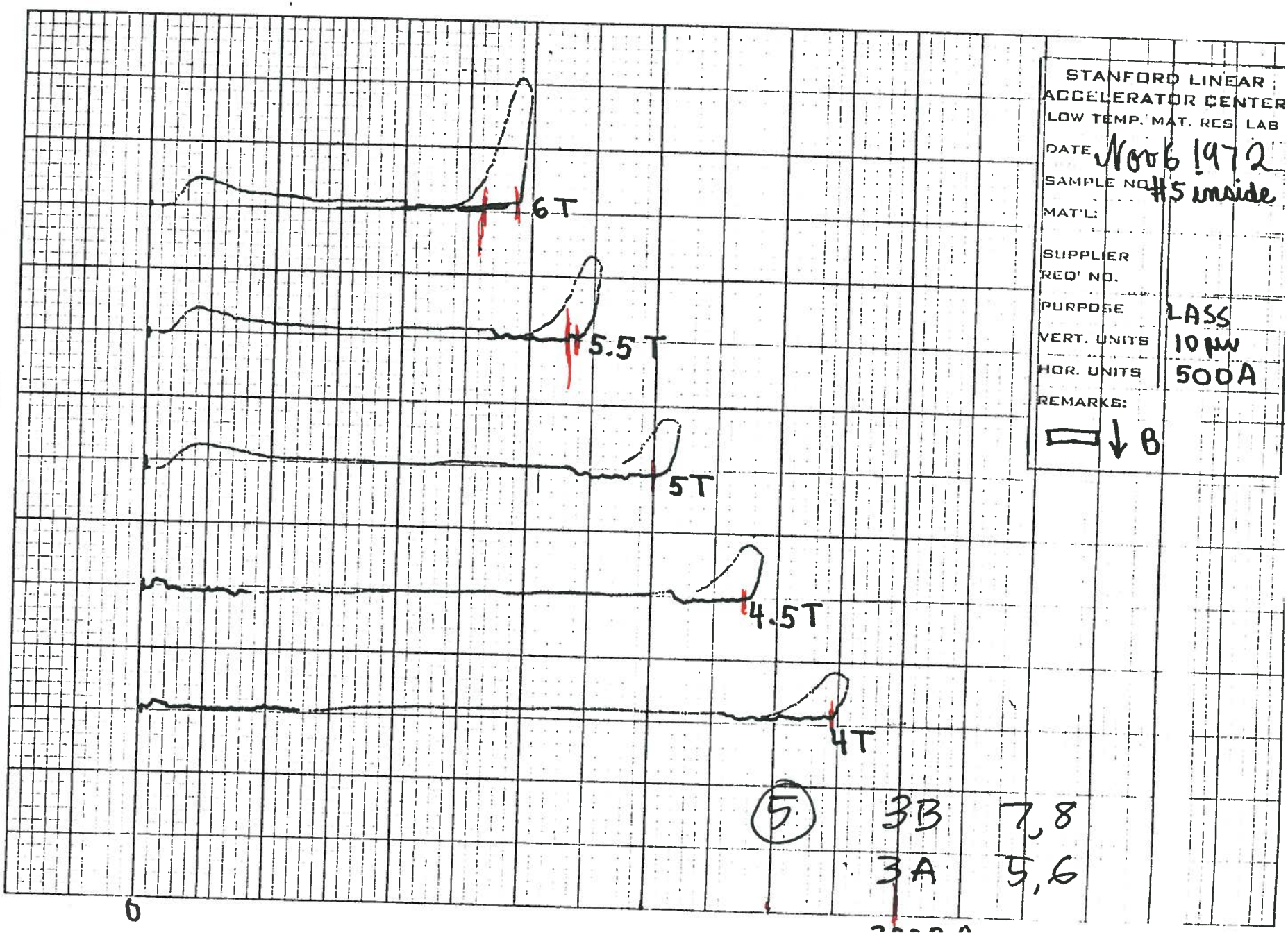


STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB

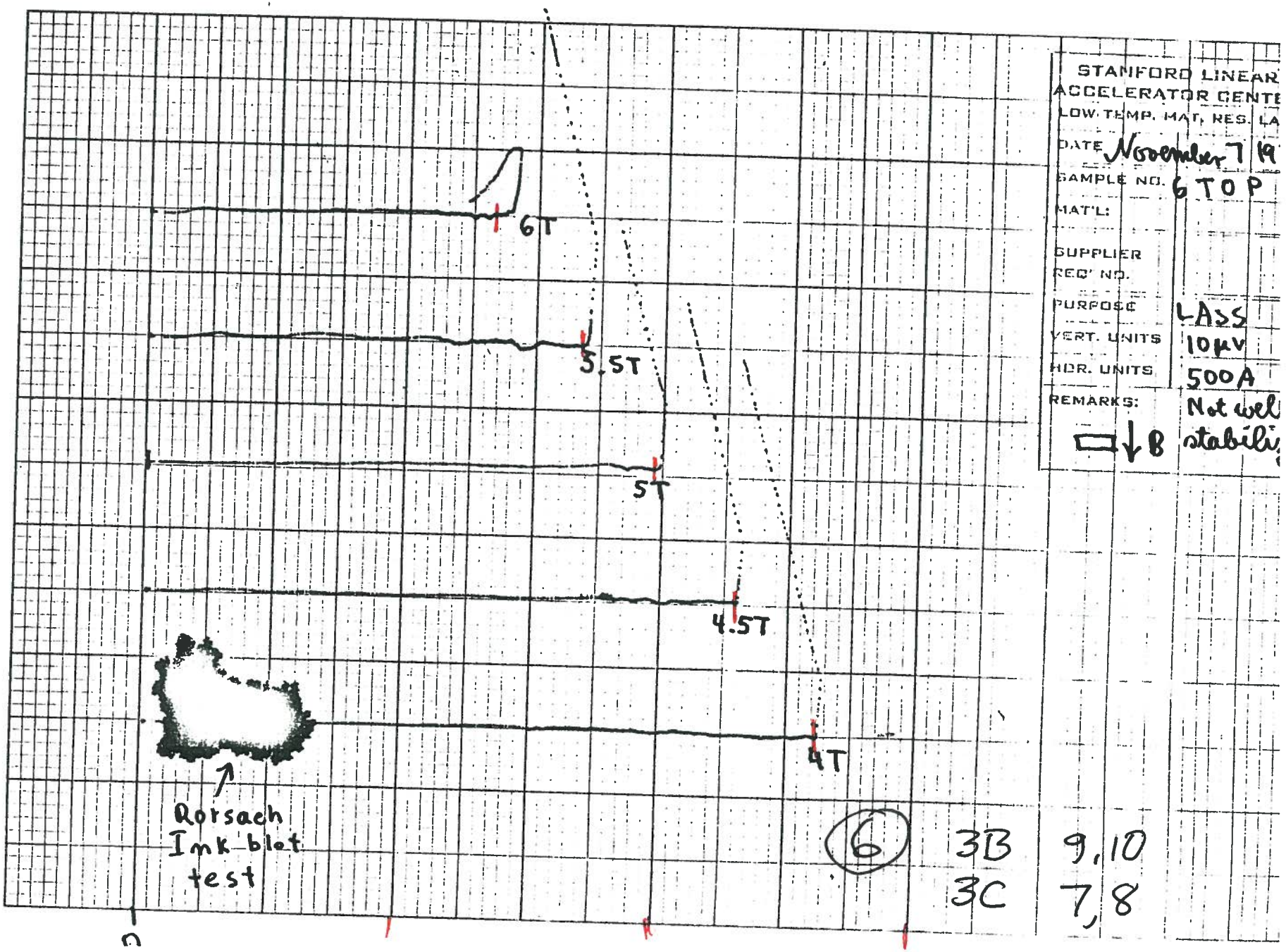
DATE November 3 19
SAMPLE NO. #4 Bottom
MAT'L 183 B Top Spool 2002'
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10 μV
HOR. UNITS 500A
REMARKS:
B

4 3B 3,4
1B 1,2

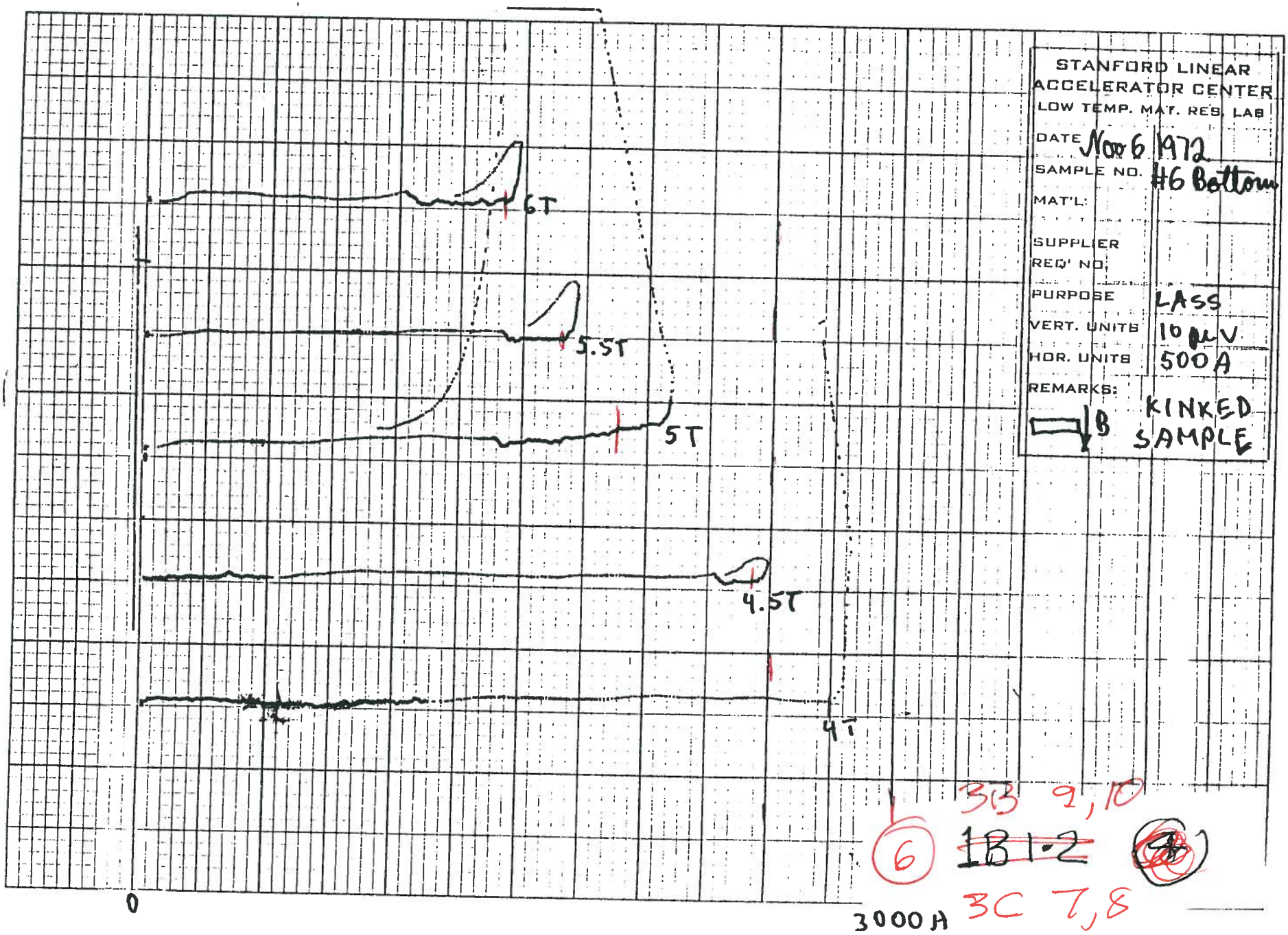
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

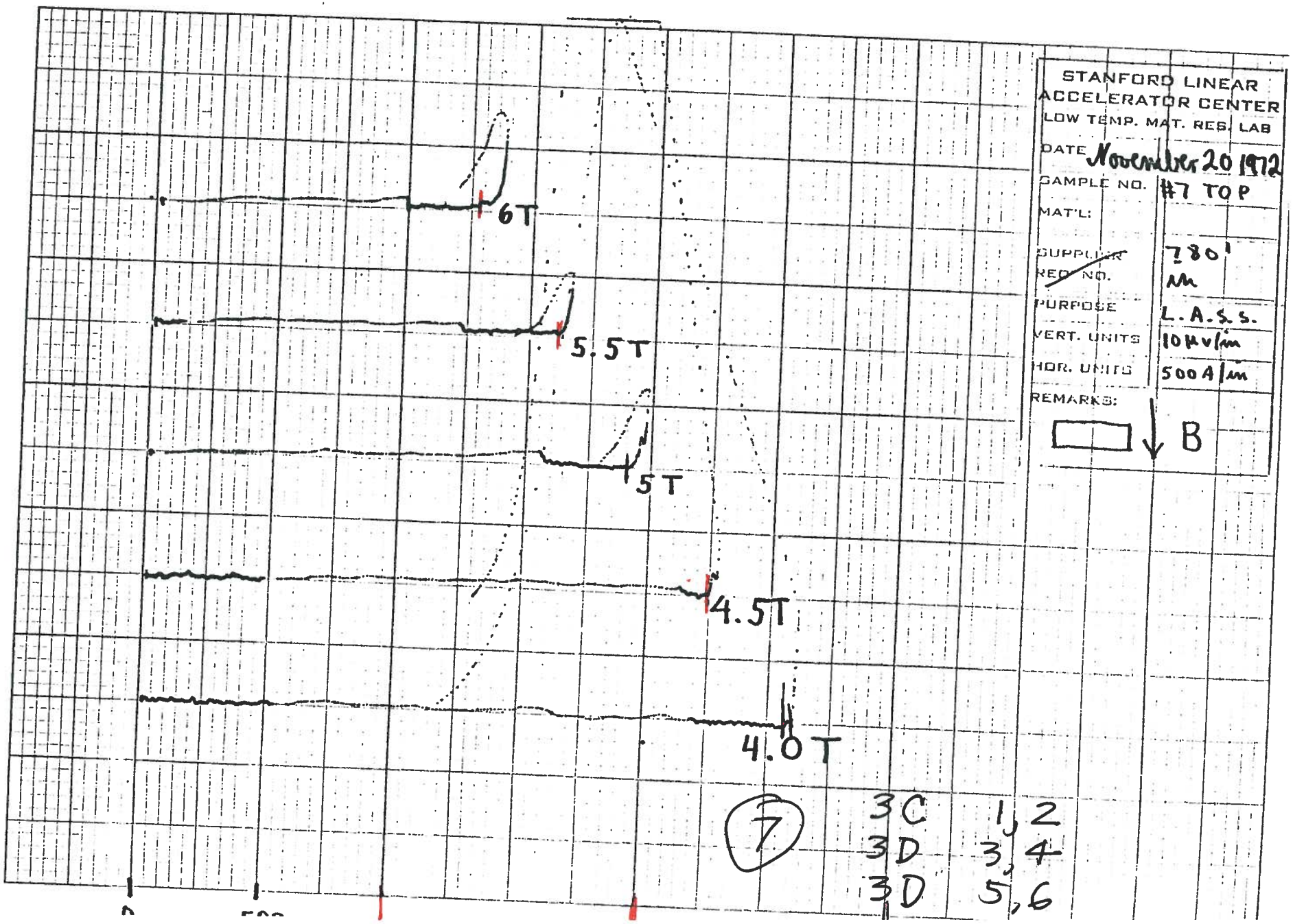


STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB

DATE Nov 6 1972
SAMPLE NO. #6 Bottom
MAT'L:
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10 μV
HOR. UNITS 500 A
REMARKS: KINKED SAMPLE
B

3B 9,10
6 ~~1B 1-2~~ ~~9~~
3C 7,8

HEWLETT PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB

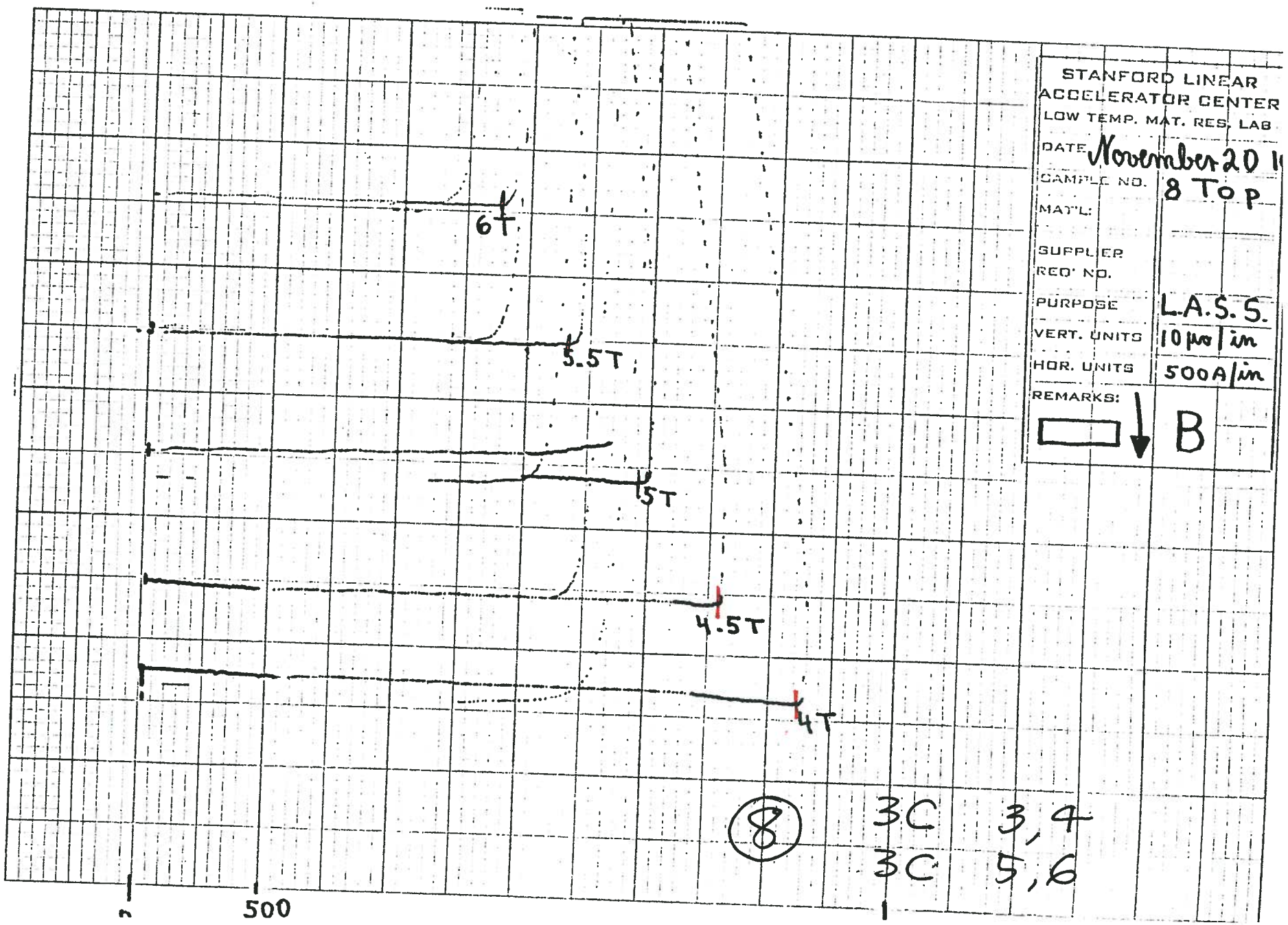
DATE November 20 1972
SAMPLE NO. #7 TOP
MAT'L:
~~SUPPLIER~~ RED NO. 780' Nb
PURPOSE L.A.S.S.
VERT. UNITS 10 μv/in
HOR. UNITS 500 A/in
REMARKS:

B

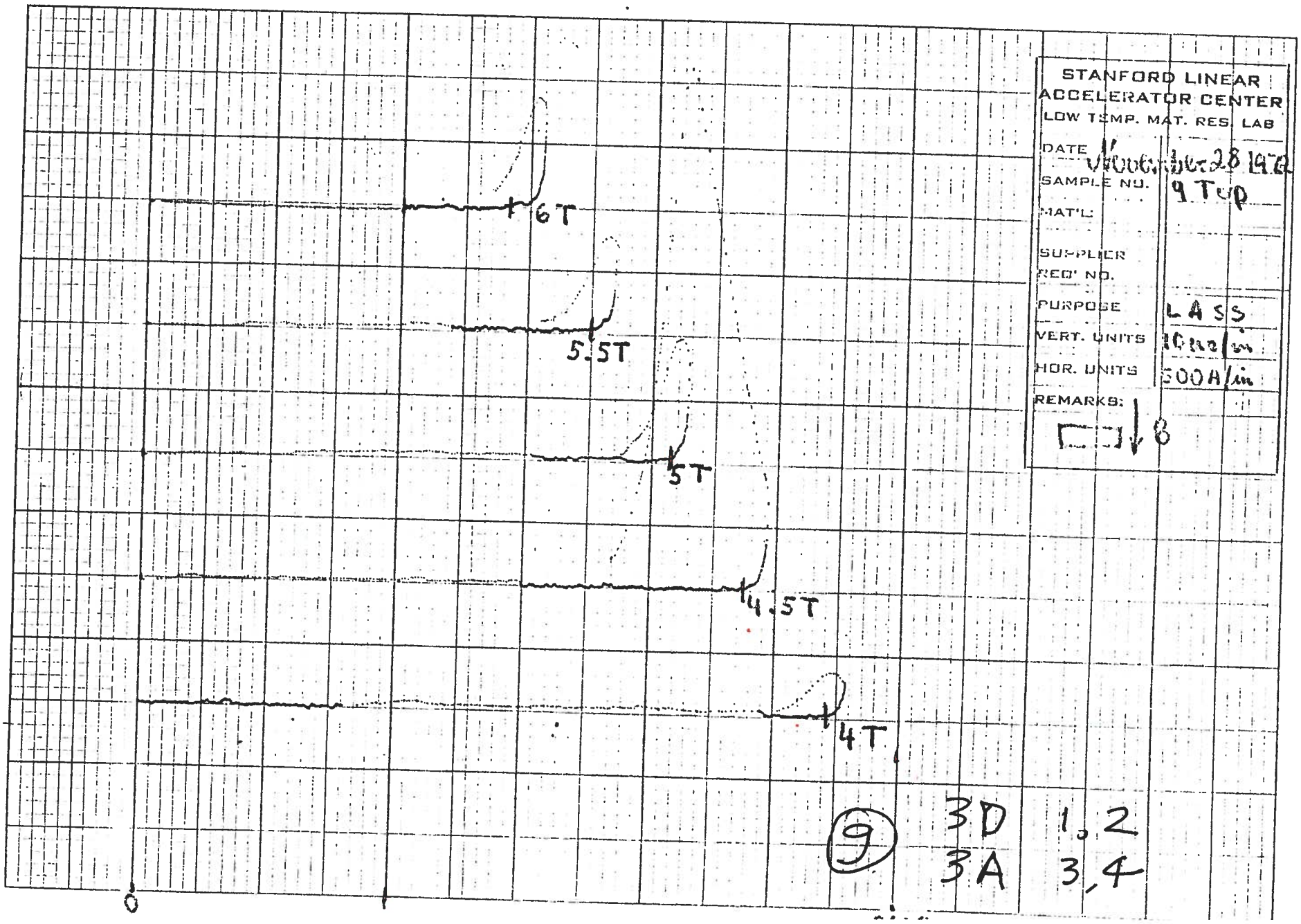
(7)

3C 1,2
3D 3,4
3D 5,6

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB

DATE Dec 15 1972
SAMPLE NO. 10 TOP
MAT'L:
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10 μV
HOR. UNITS 500 A
REMARKS:
□ 1 B

(10) 2B 3,4
2C 3,4

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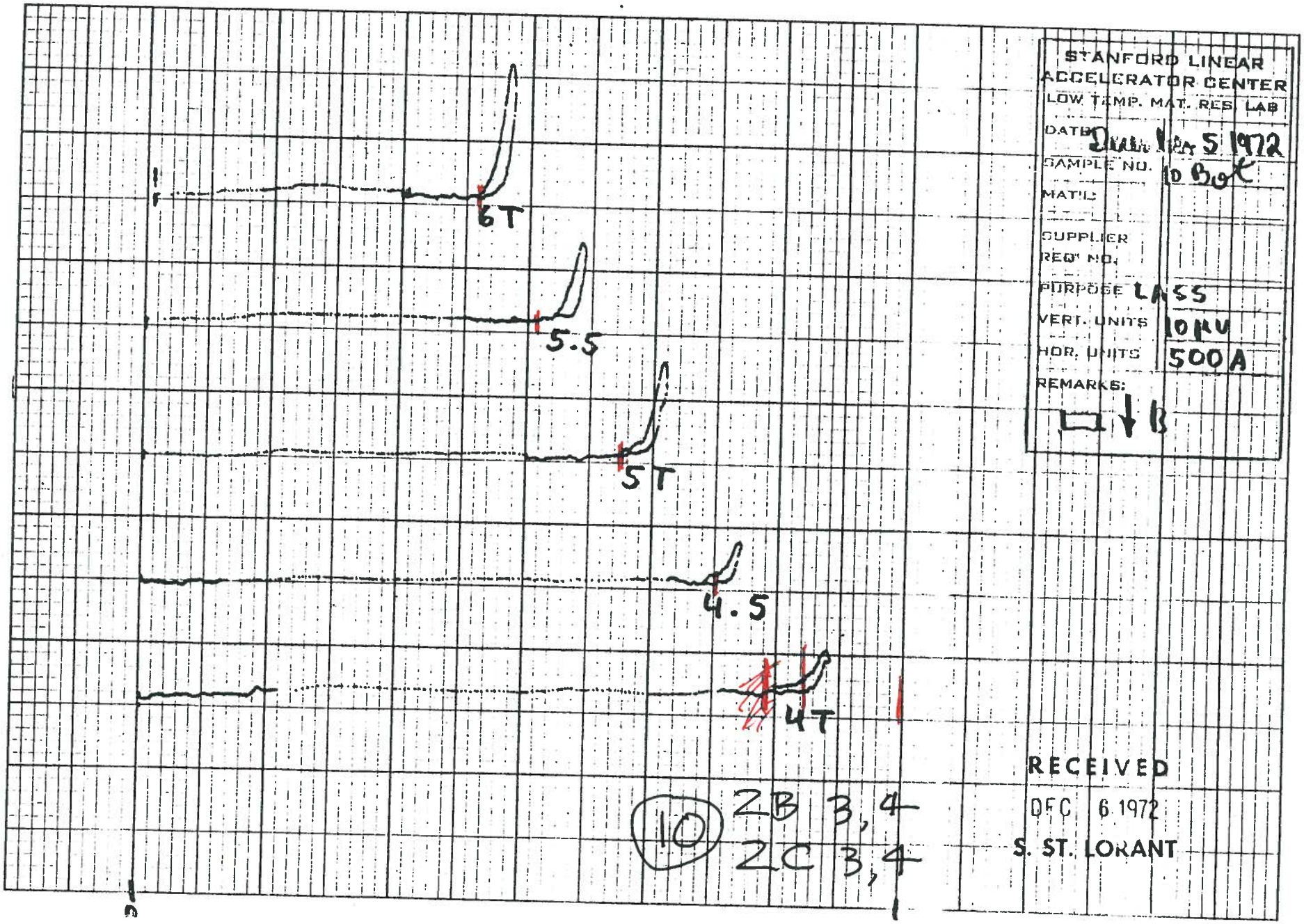
DEC 6 1972
S. ST. LORANT

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB
DATE: Dec 5 1972
SAMPLE NO. 10 Bot
MATL:
SUPPLIER
REQ'N NO.
PURPOSE LASS
VERT. UNITS 10 KV
HOR. UNITS 500 A
REMARKS:
↓B

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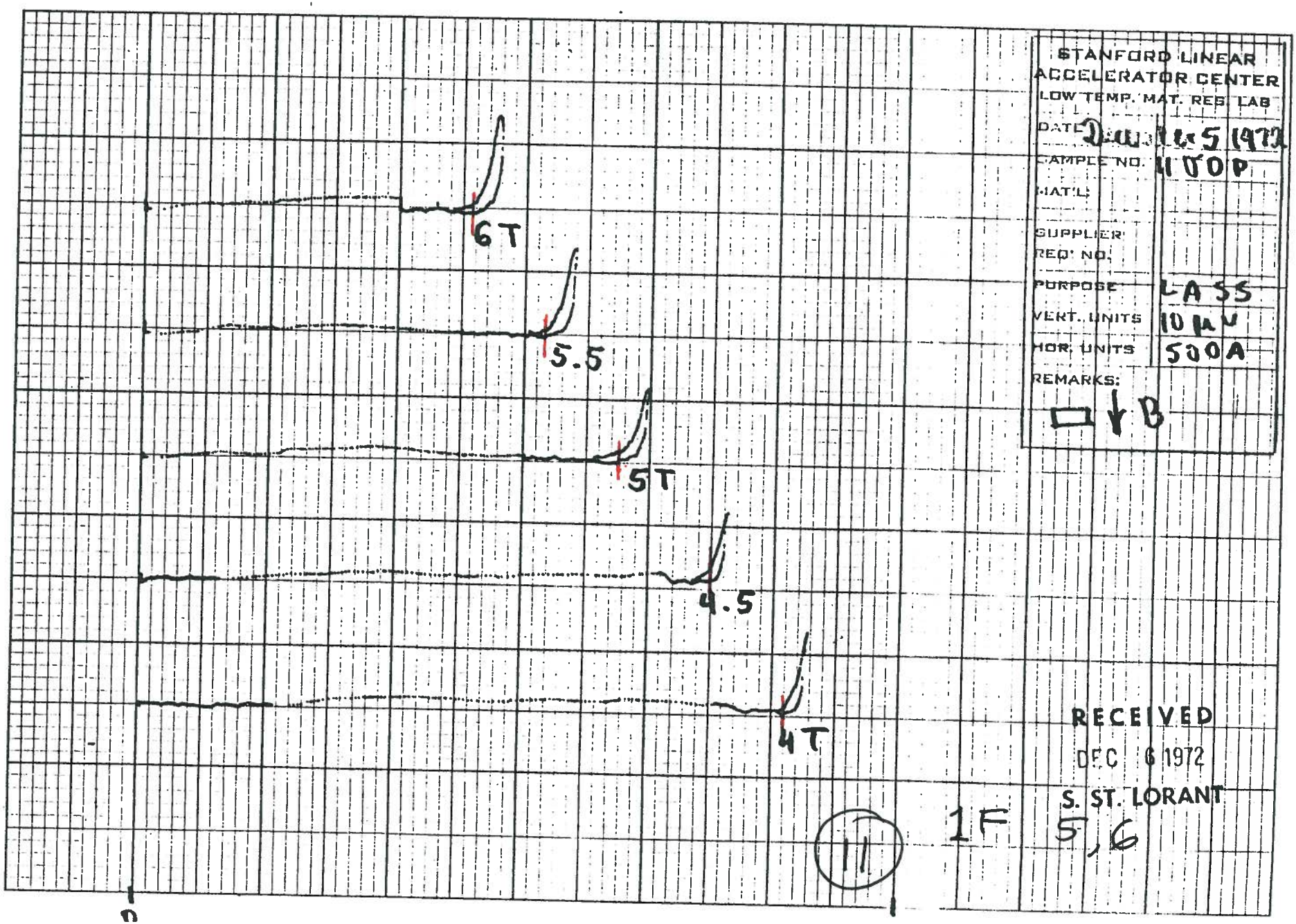
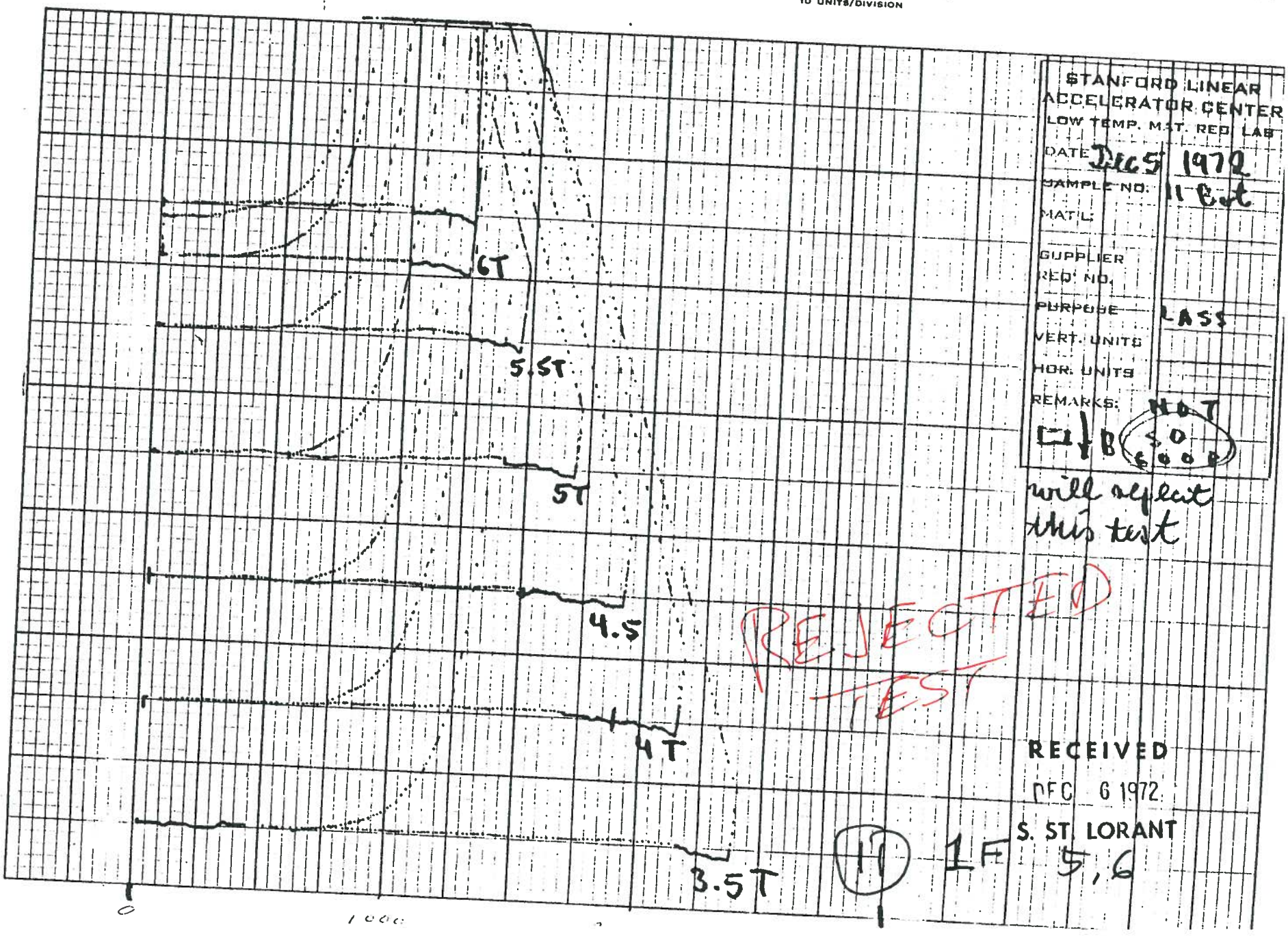
DEC 6 1972
S. ST. LORANT

(10) 2B 3, 4
2C 3, 4

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB
DATE: Dec 5 1972
SAMPLE NO: 11 B.t
MAT'L:
SUPPLIER
RES' NO.
PURPOSE: LASS
VERT. UNITS
HOR. UNITS
REMARKS: HOT
B

will replot this test

REJECTED TEST

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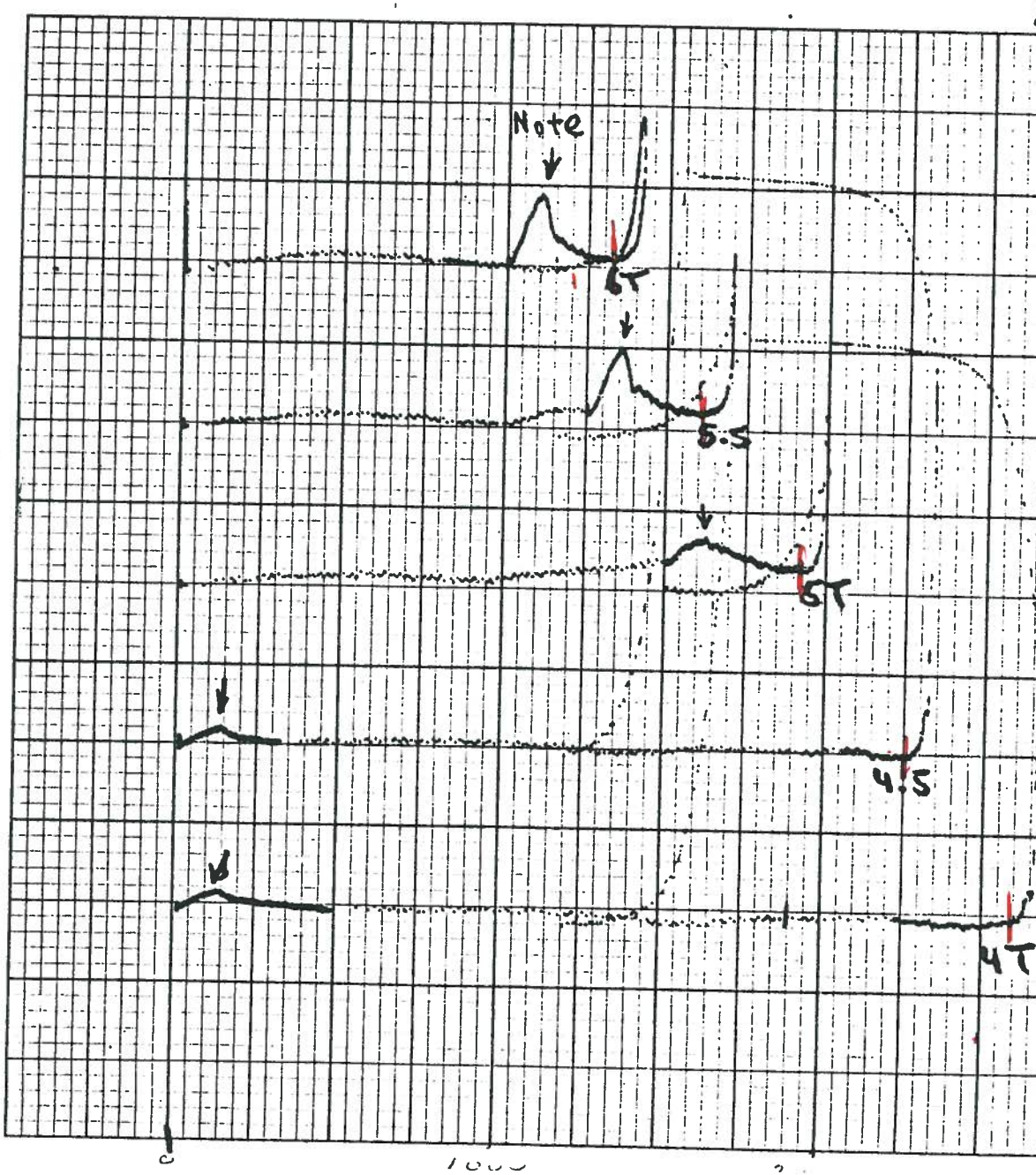
DEC 6 1972
S. ST. LORANT

10 1F 5,6

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

Repeat 1 of V



STANFORD LINEAR
ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB
DATE Dec 6 1972
SAMPLE NO. 11 Bot
MAT'L
SUPPLIER
REL. NO.
PURPOSE 4ASS
VERT. UNITS 10 μv
HOR. UNITS 500 A
REMARKS: del
06 note

Note:
Because of an equipment failure it was necessary to use a replacement unit which is more succeptible to power supply noise. This is a repeat test of this sample

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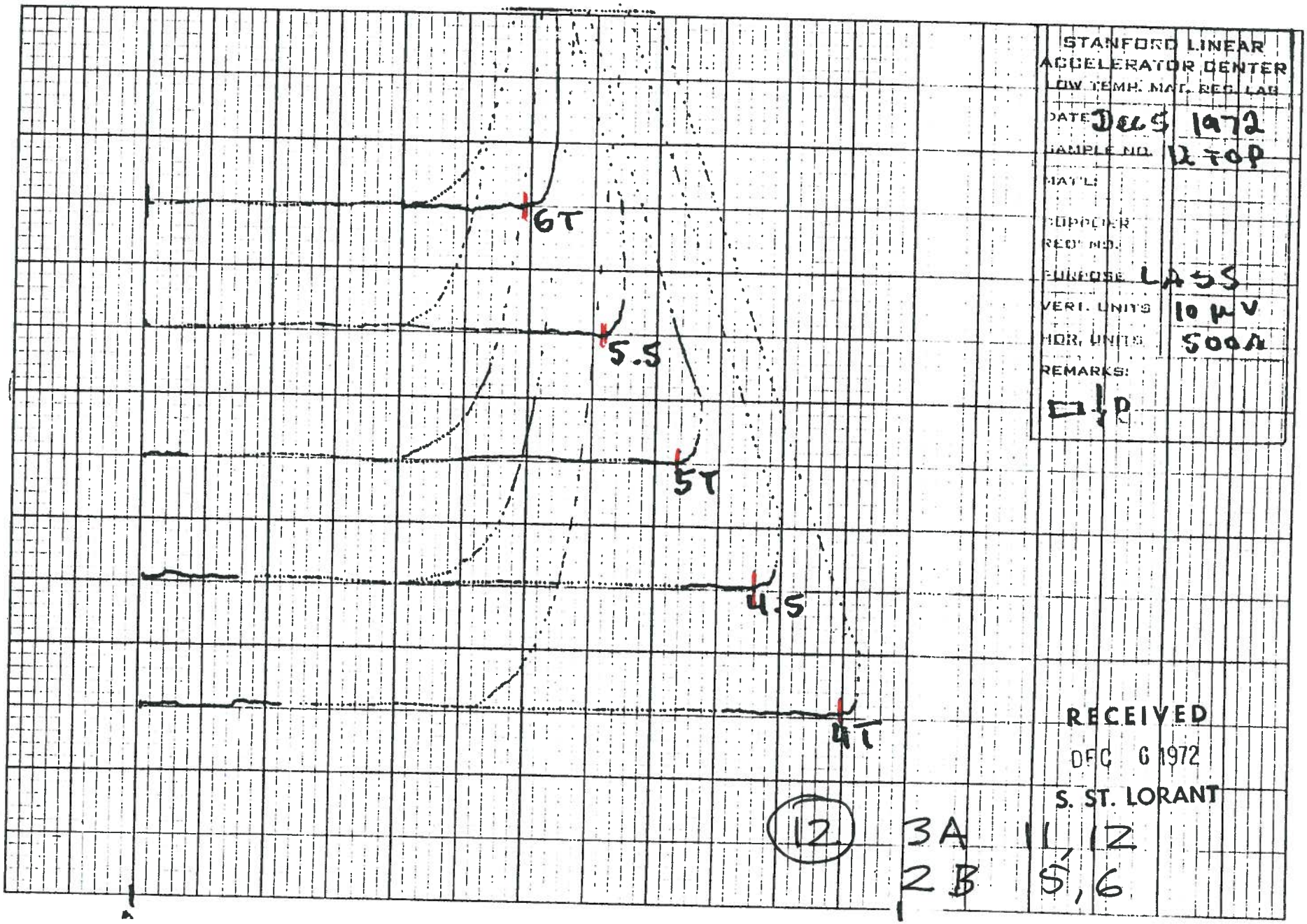
DEC 6 1972
S. ST. LORANT

IF 5,6

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

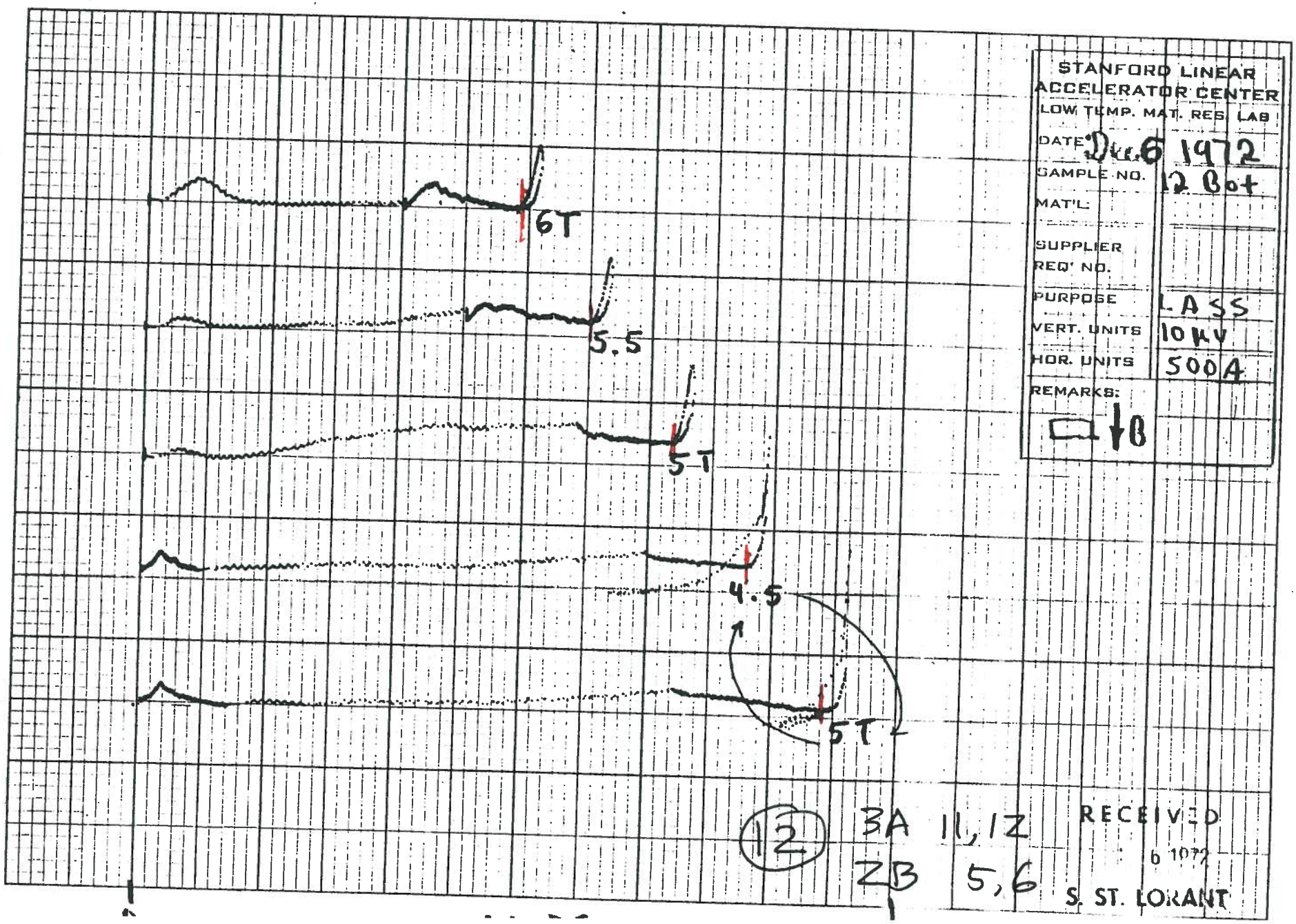


STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. REC. LAB
DATE Dec 1972
SAMPLE NO. 12 top
MATL
COPPER
REQ NO.
PURPOSE L455
VERT. UNITS 10 μV
HOR. UNITS 500A
REMARKS:
DIP

RECEIVED
DEC 6 1972
S. ST. LORANT

12 3A 1 12
2B 5,6

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB

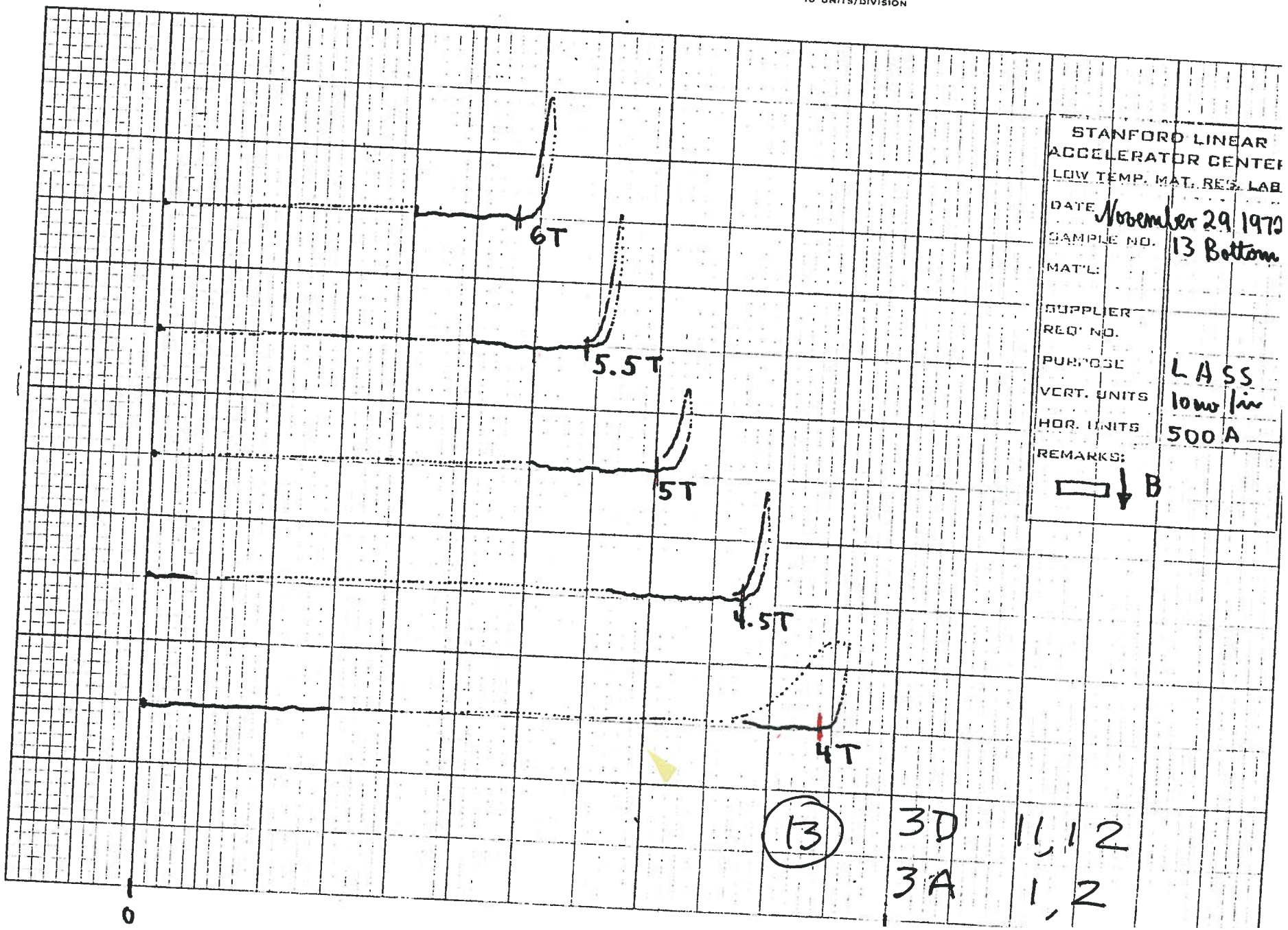
DATE	Dec. 6 1972
SAMPLE NO.	12 Bot
MAT'L	
SUPPLIER	
REQ' NO.	
PURPOSE	LASS
VERT. UNITS	10 kV
HOR. UNITS	500 A

REMARKS:
□ ↓B

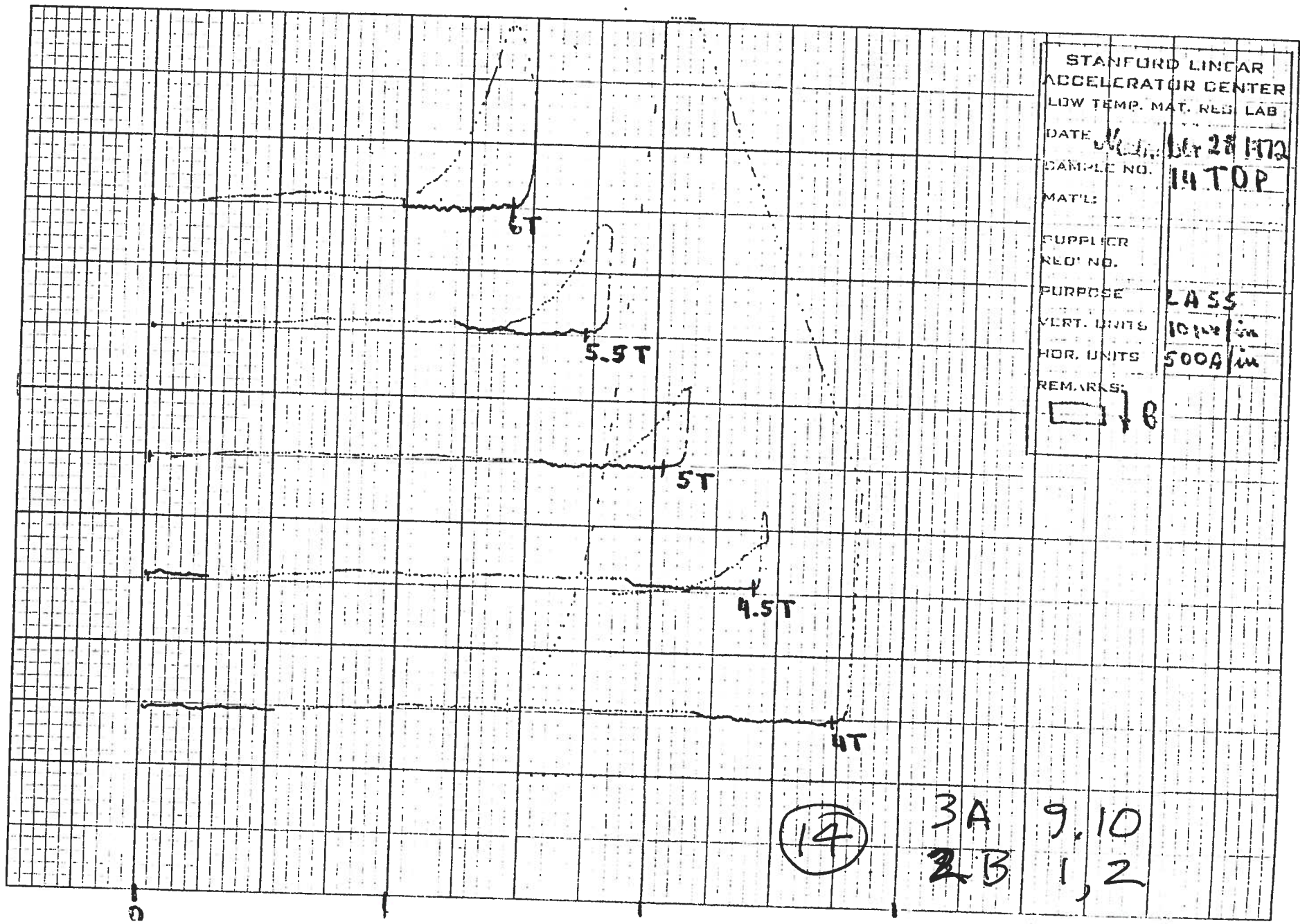
(12) 3A 11, 12
2B 5, 6

RECEIVED
6 1972
S. ST. LORANT

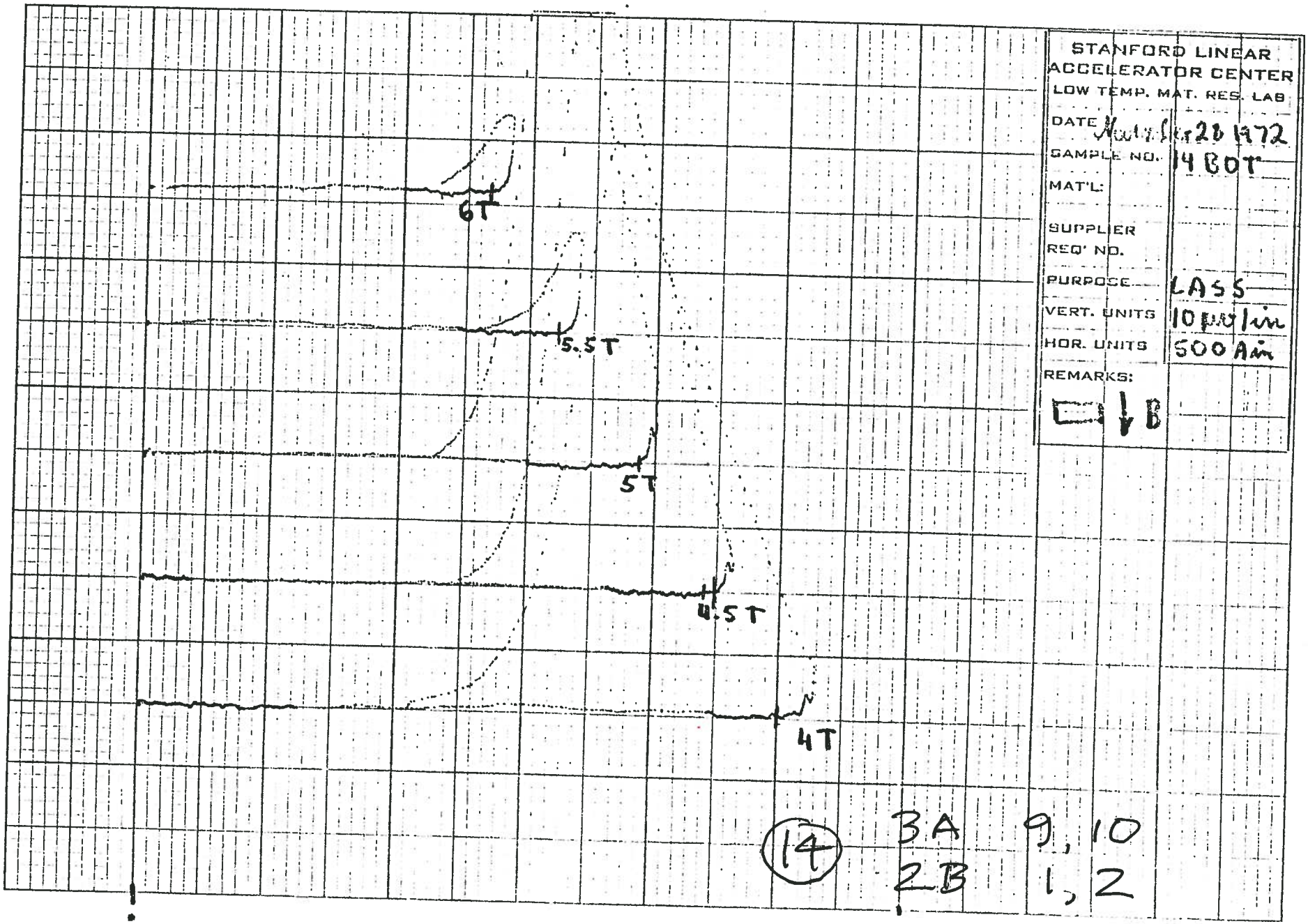
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

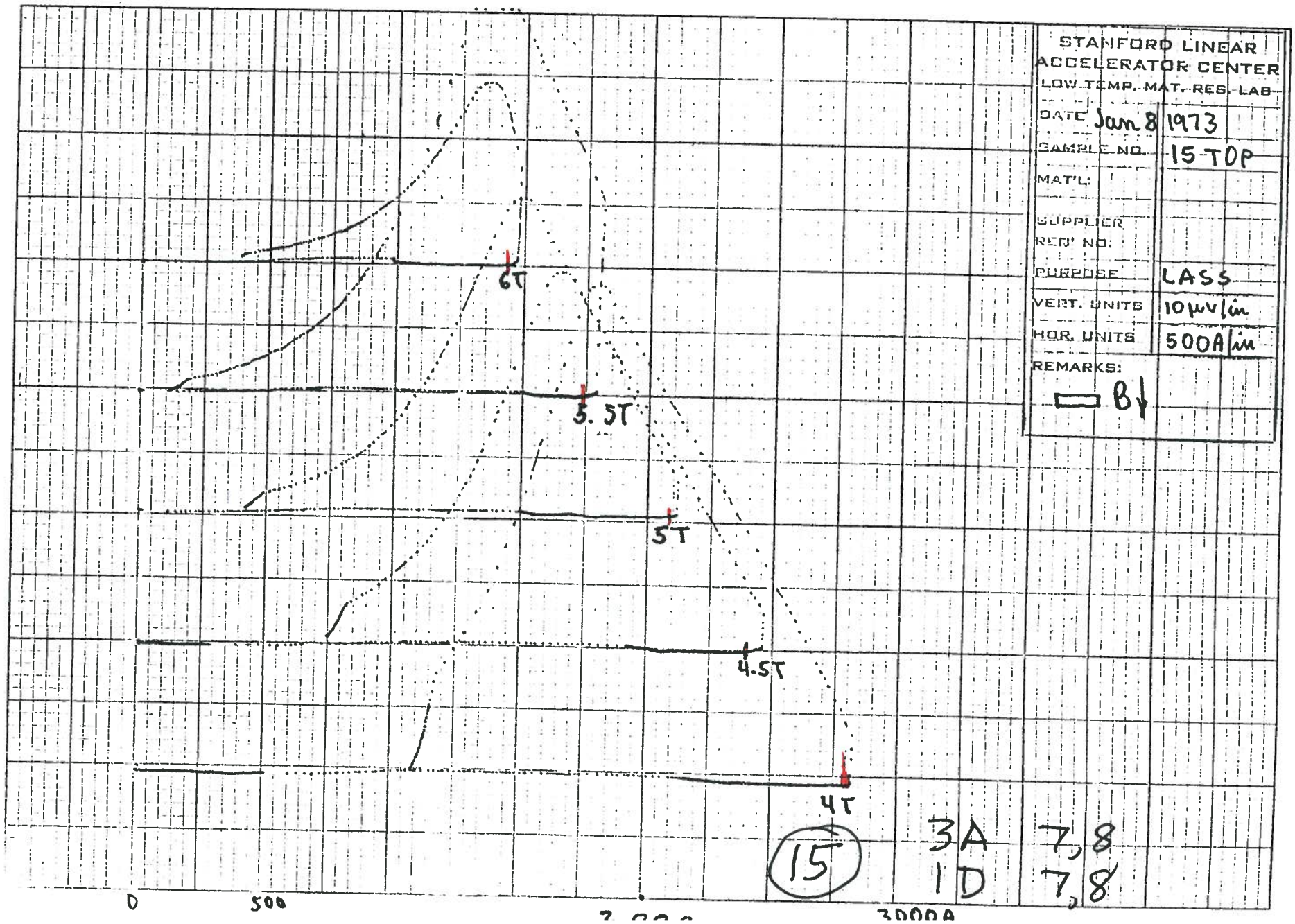


STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB

DATE Nov 28 1972
SAMPLE NO. 14 BOT
MAT'L:
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10 μΩ/in
HOR. UNITS 500 A/in
REMARKS:
B

(14) 3A 9, 10
2B 1, 2

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



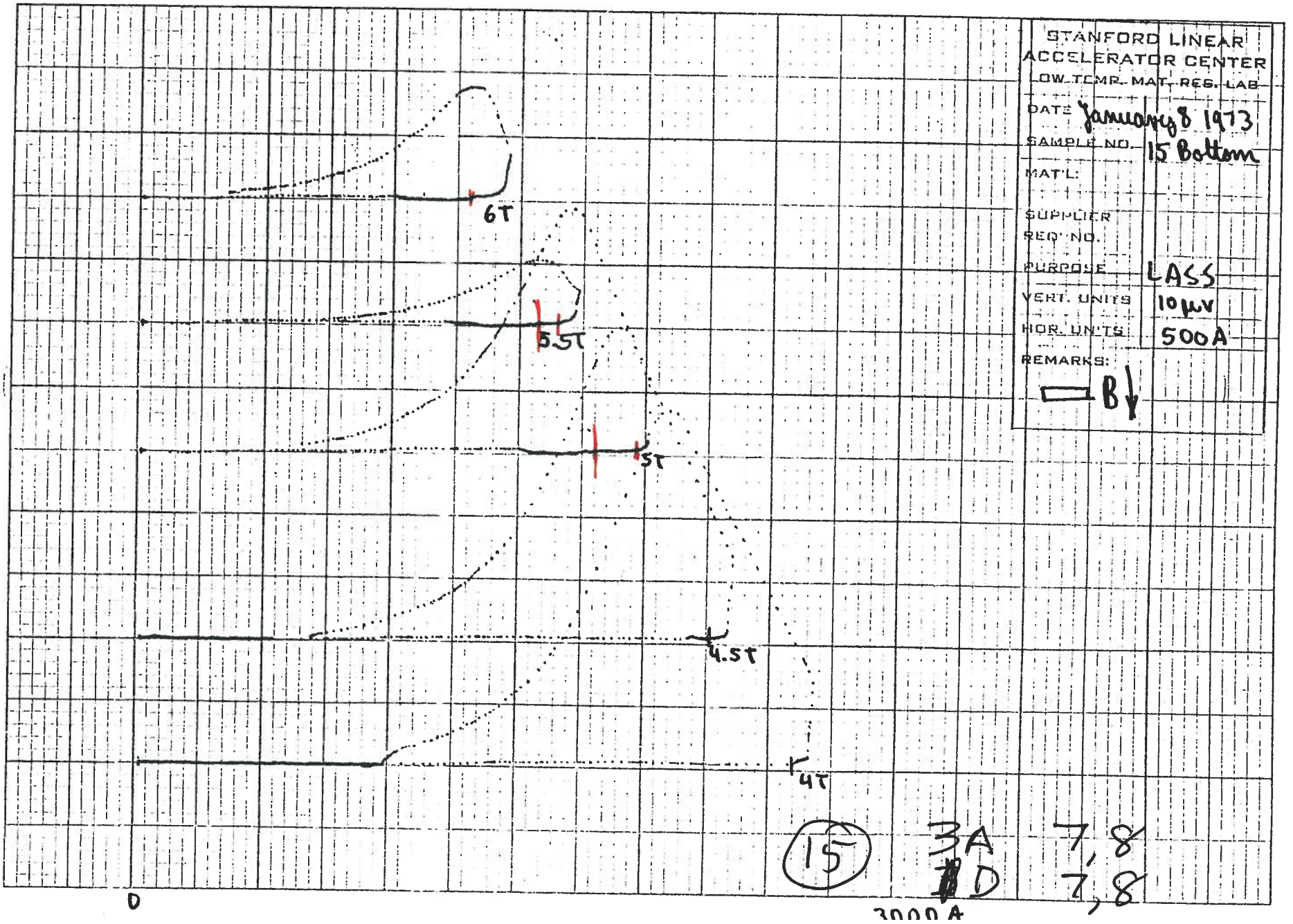
STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB.

DATE	Jan 8 1973
SAMPLE NO.	15 TOP
MAT'L:	
SUPPLIER	
REF' NO:	
PURPOSE	LASS
VERT. UNITS	10 μv/in
HOR. UNITS	500A/in

REMARKS:
B↓

15
3A 7,8
1D 7,8

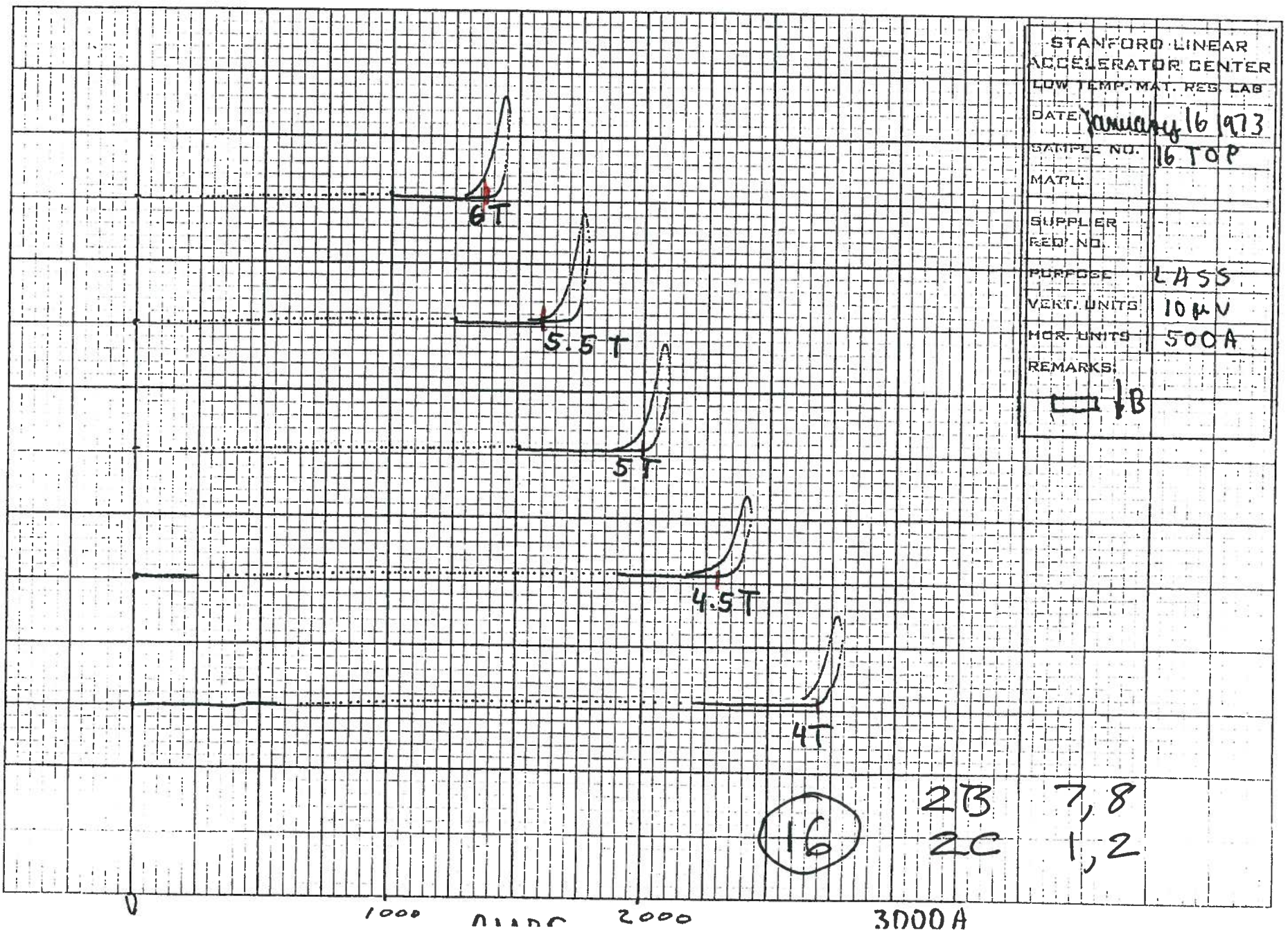
HEWLETT-PACKARD/MOSELEY DIVISION
D270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

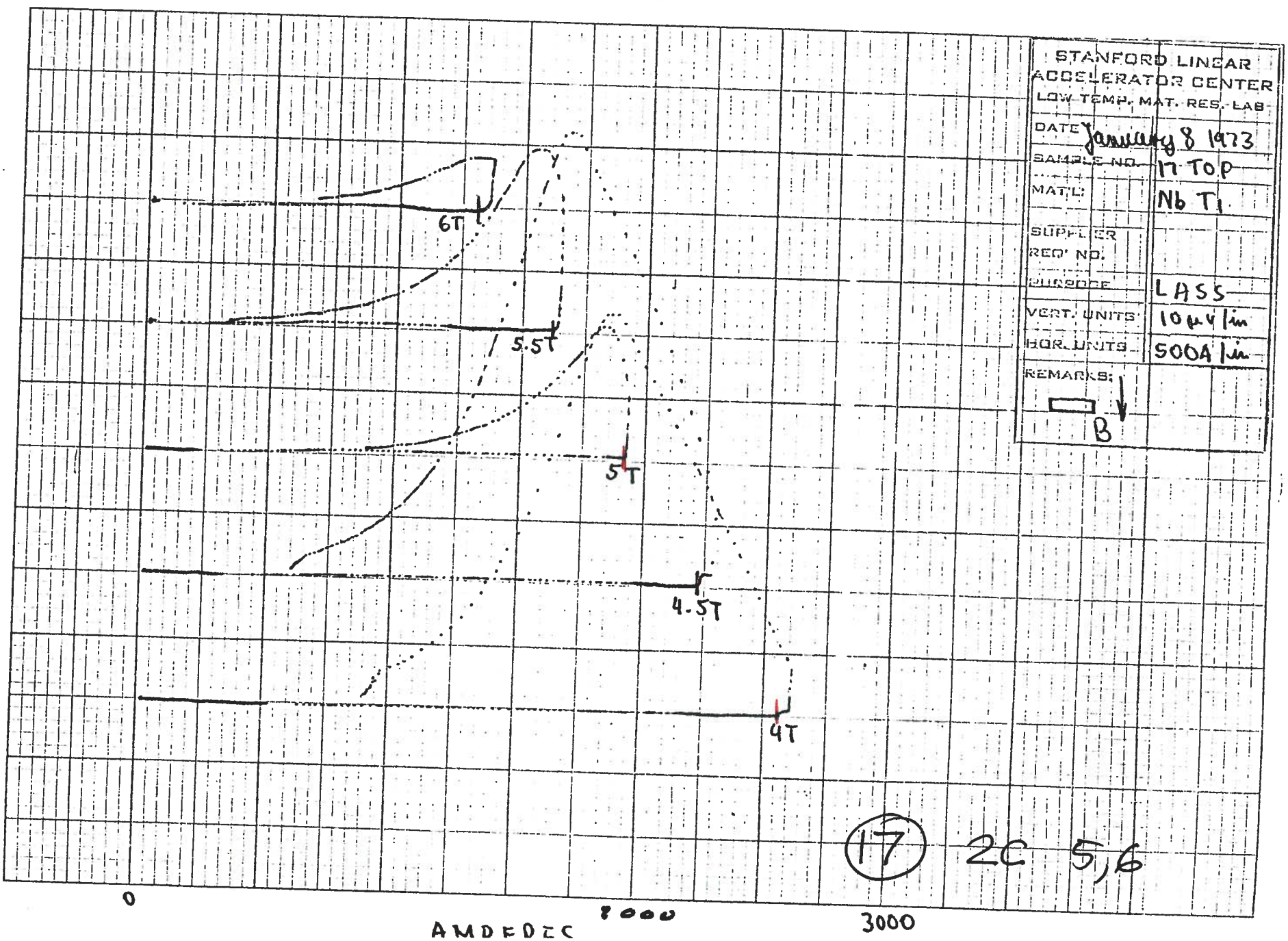


STANFORD LINEAR ACCELERATOR CENTER
OW. TEMP. MAT. RES. LAB
DATE January 8 1973
SAMPLE NO. 15 Bottom
MAT'L
SUPPLIER
REQ. NO.
PURPOSE LASS
VERT. UNITS 10 μv
HOR. UNITS 500A
REMARKS:
B

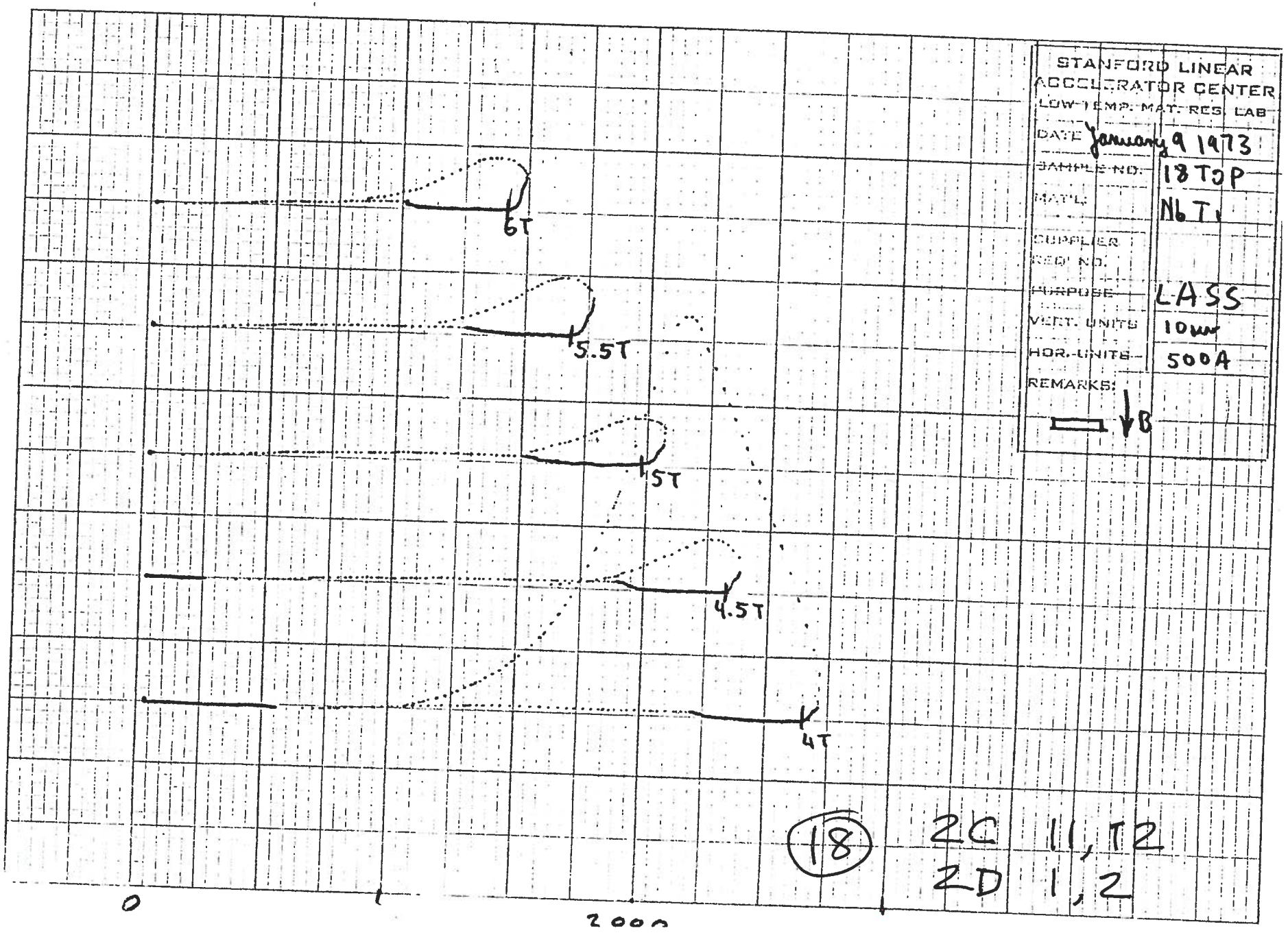
15 3A 7,8
D 7,8
3000 A

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION




HEWLETT-PACKARD/M
9270 10
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION
STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB
DATE January 8 1973
SAMPLE NO. 17 TOP
MAT'L: Nb Ti
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10 μV/in
HOR. UNITS 500A/in
REMARKS:
B
6T
5.5T
5T
4.5T
4T
17 2C 5,6
0
AMPERES
3000

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

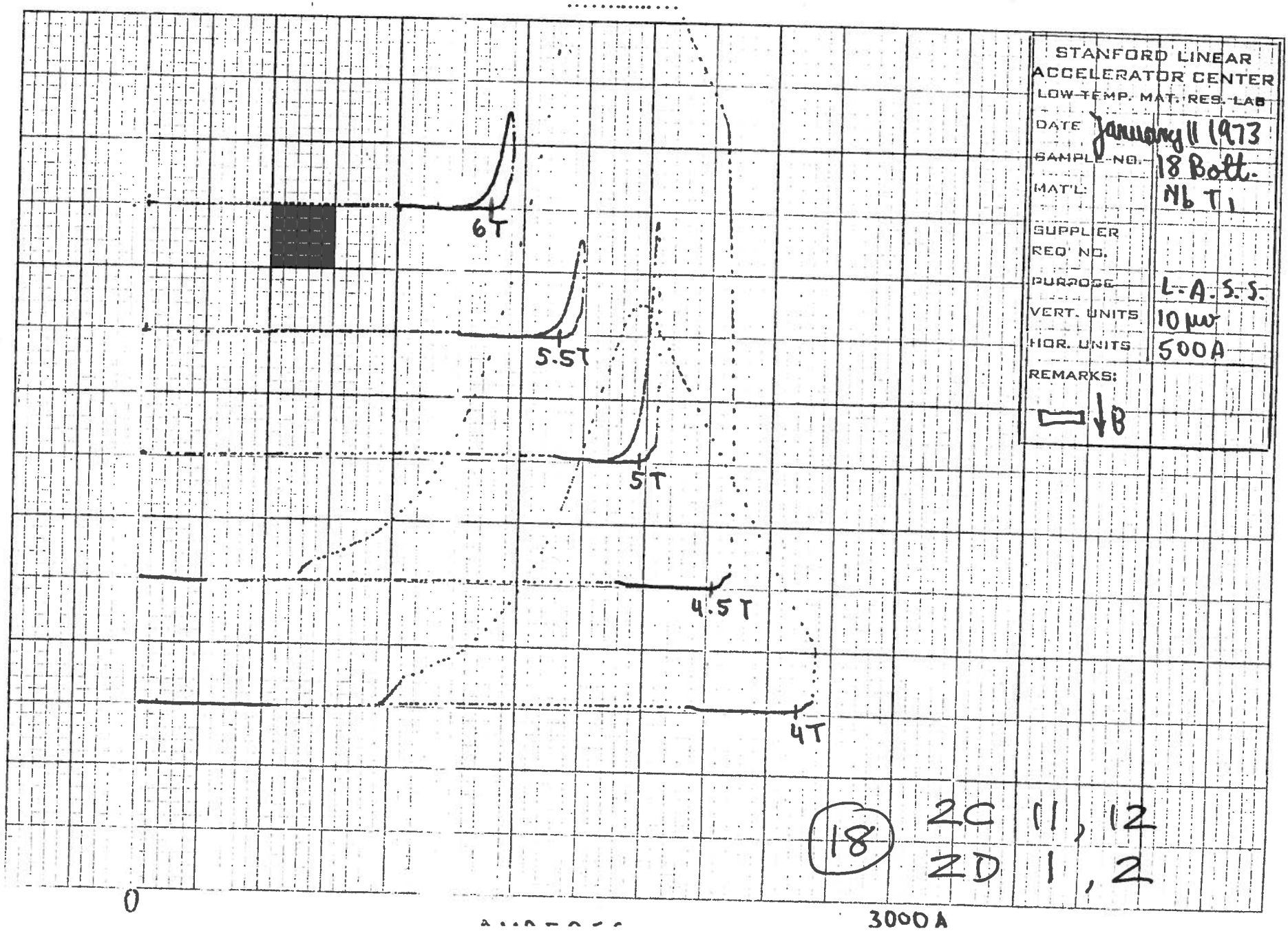


STANFORD LINEAR ACCELERATOR CENTER
LOW-TEMP. MAT. RES. LAB

DATE January 9 1973
SAMPLE NO. 18 TOP
MATL NbTi
SUPPLIER
REQ NO.
PURPOSE LASS
VERT. UNITS 10mv
HOR. UNITS 500A
REMARKS: B

(18) 2C 11, T2
2D 1, 2

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



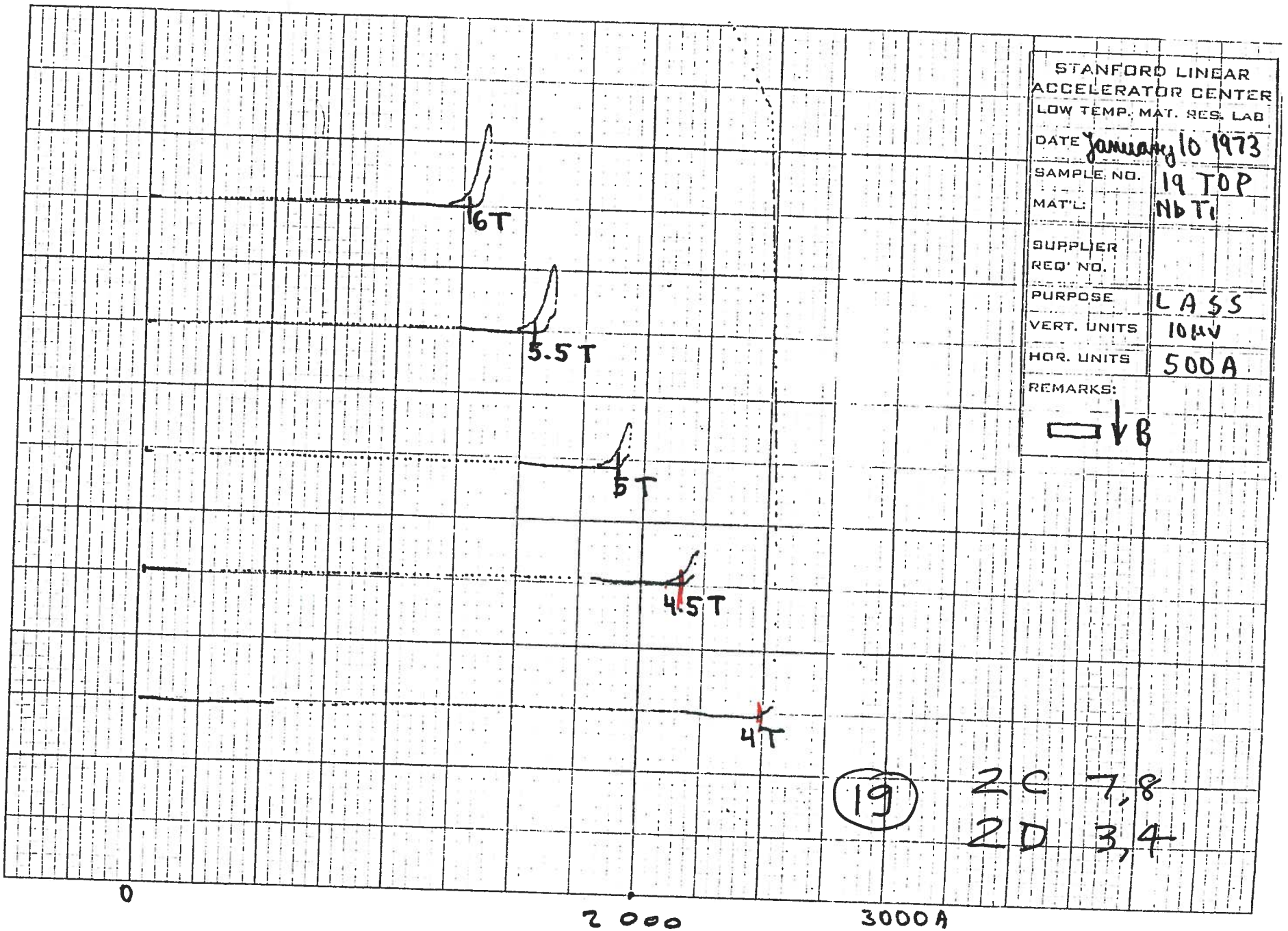
STANFORD LINEAR ACCELERATOR CENTER
LOW-TEMP. MAT. RES. LAB

DATE	January 11 1973
SAMPLE NO.	18 Bott.
MAT'L	Nb Ti
SUPPLIER REQ' NO.	
PURPOSE	L.A.S.S.
VERT. UNITS	10 μv
HOR. UNITS	500A

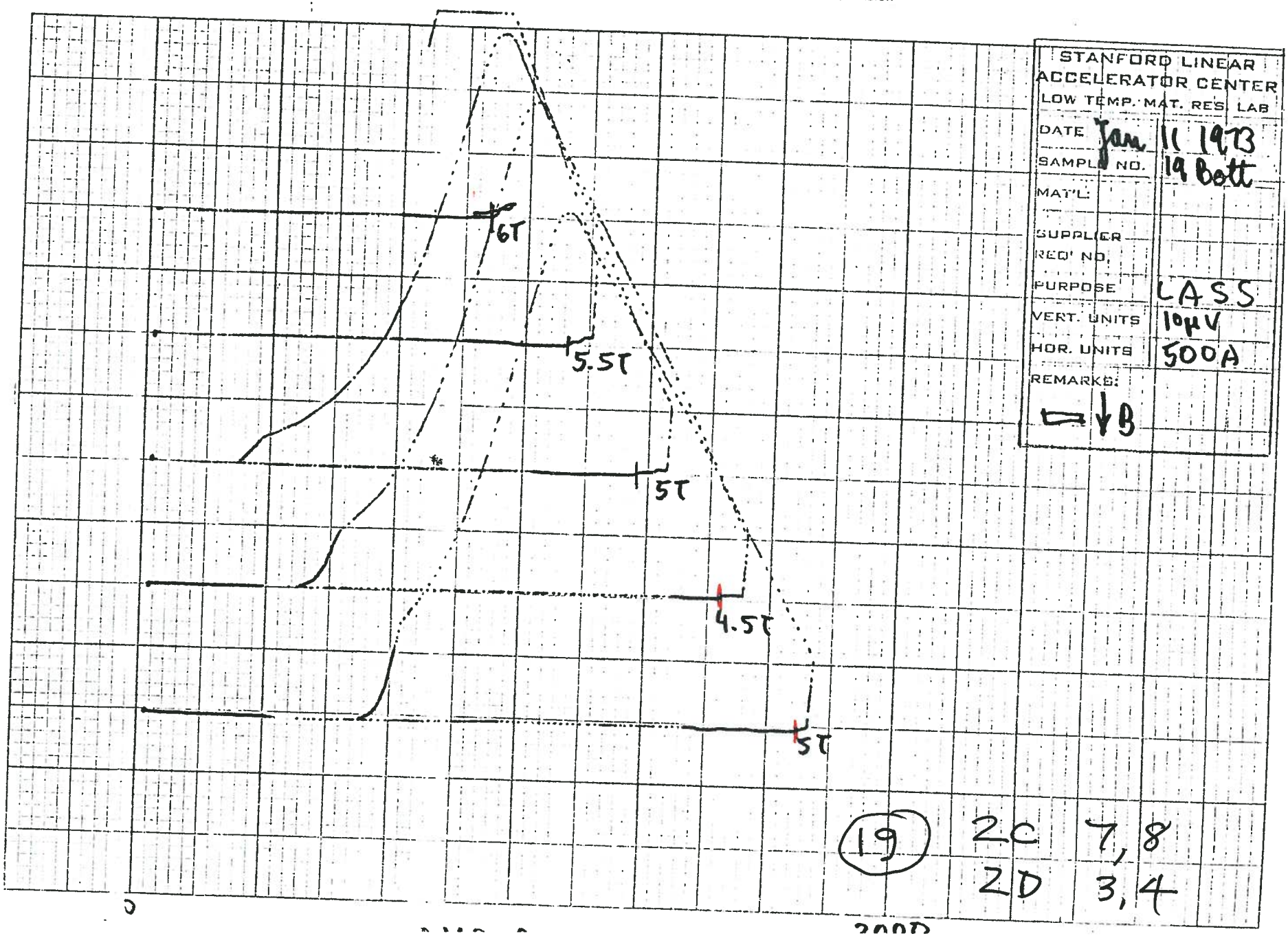
REMARKS:

↓B

(18) 2C 11, 12
2D 1, 2


STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB
DATE January 10 1973
SAMPLE NO. 19 TOP
MAT'L NbTi
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10μV
HOR. UNITS 500A
REMARKS:
B
6T
5.5T
5T
4.5T
4T
0
2000
3000A
19
2C 7,8
2D 3,4

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

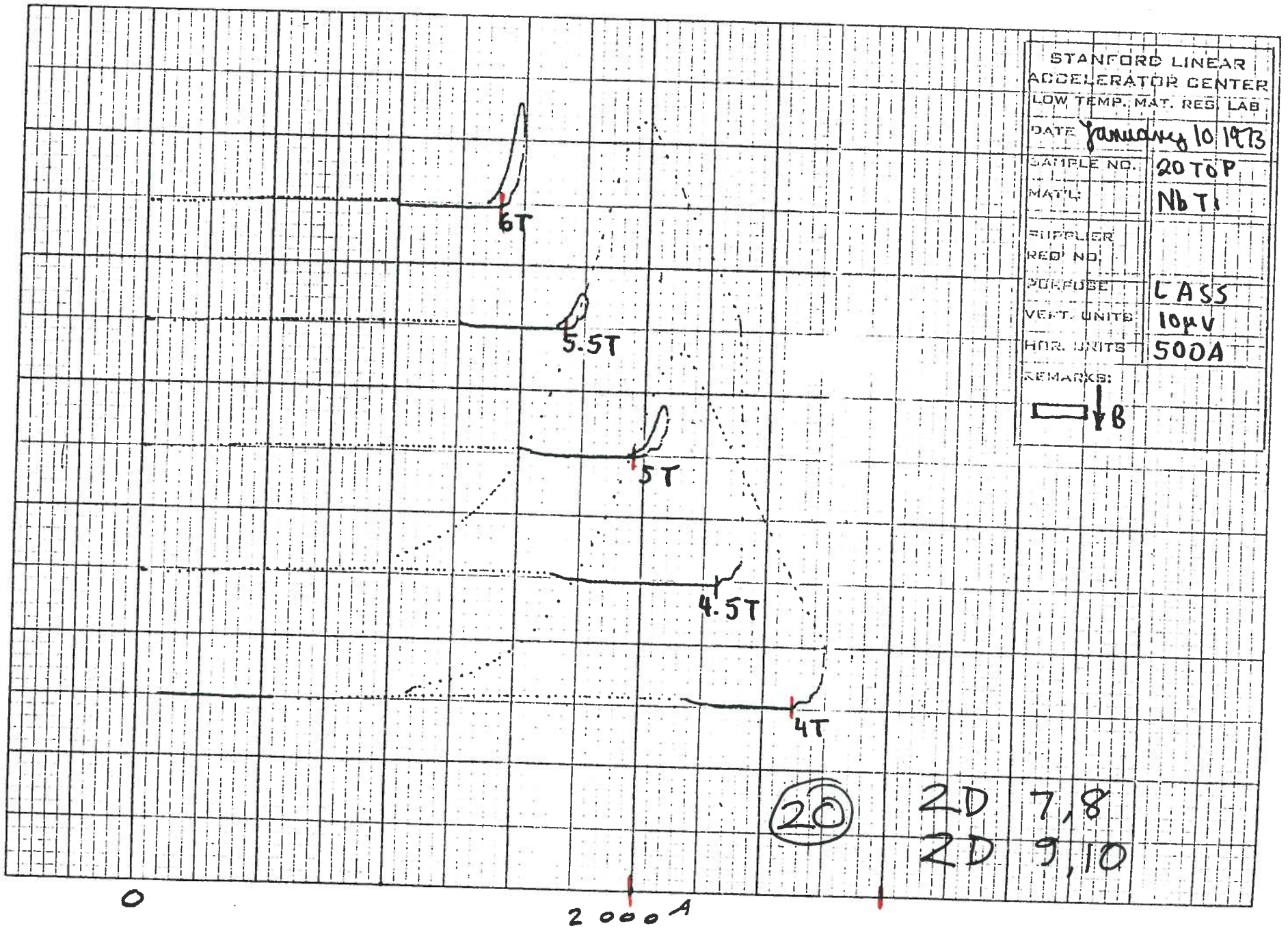


STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB

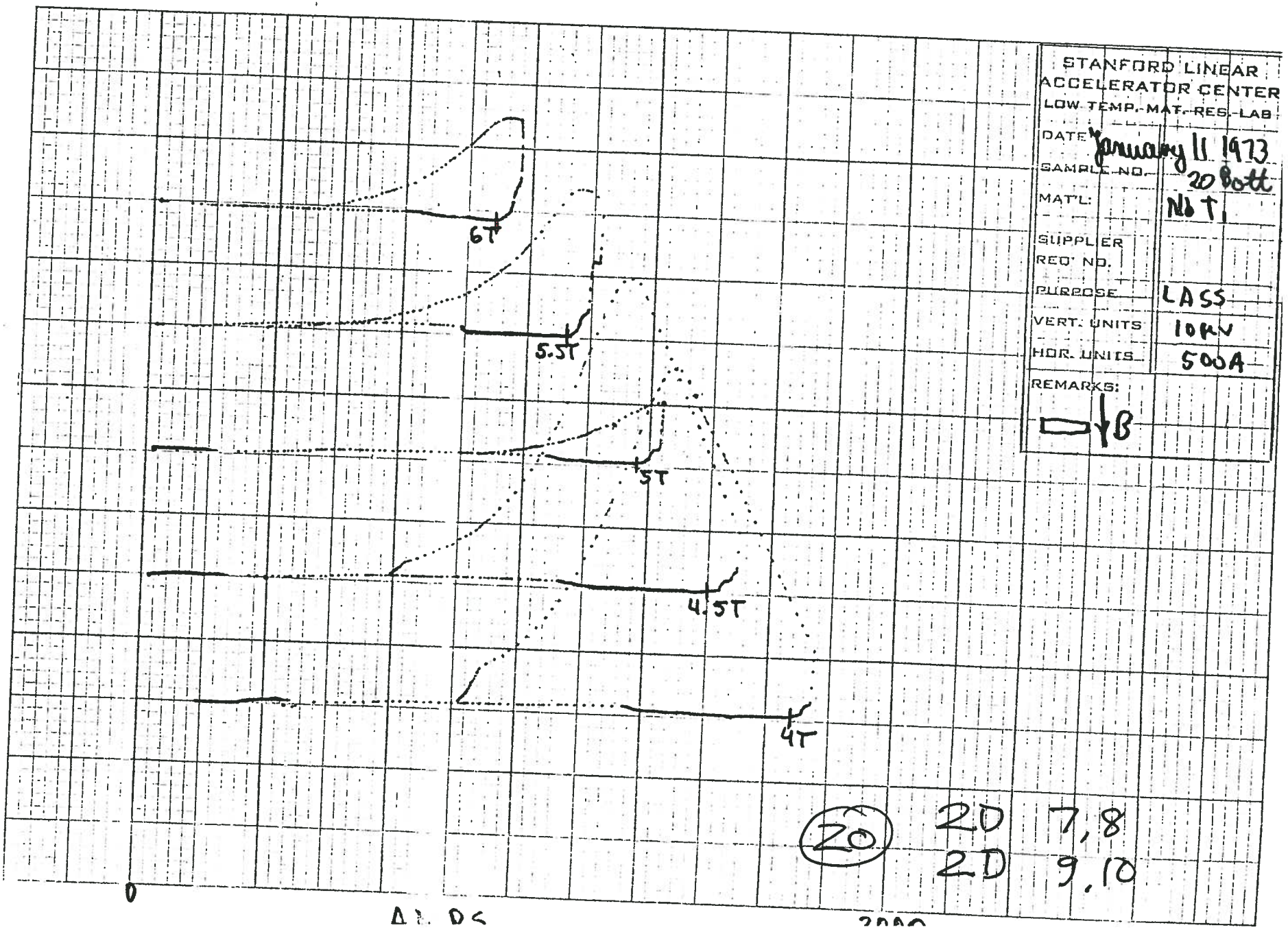
DATE Jan 11 1973
SAMPLE NO. 19 Bett
MAT'L
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10μV
HOR. UNITS 500A
REMARKS:
↓B

(19) 2C 7,8
2D 3,4

HEWLETT PACKARD / MOSELEY DIVISION
9270-0101
CHART USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



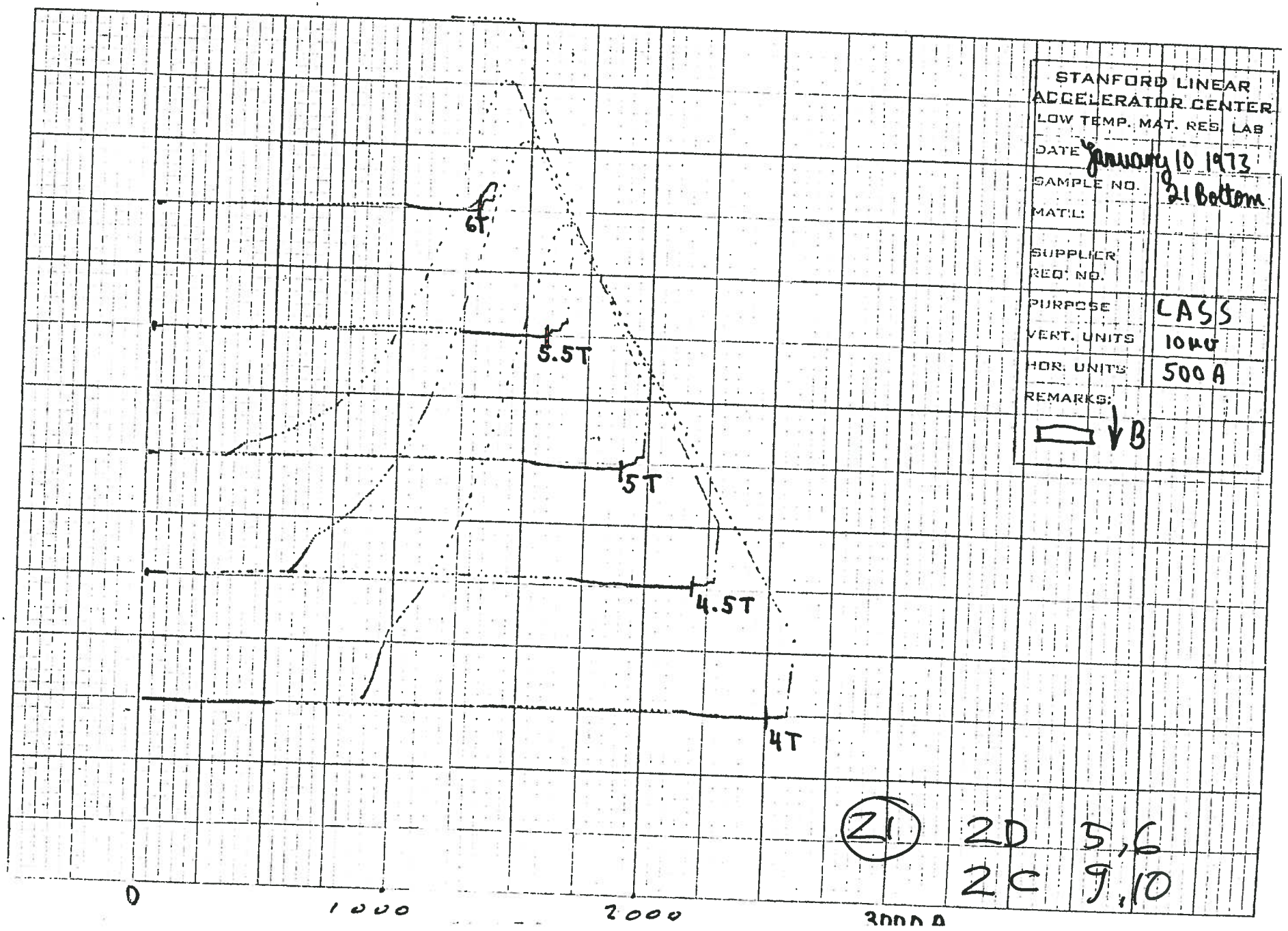
STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP.-MAT.-RES.-LAB

DATE	January 11 1973
SAMPLE NO.	20 Bott
MAT'L:	Nb T
SUPPLIER REQ' NO.	
PURPOSE	LASS
VERT. UNITS	10KV
HOR. UNITS	500A

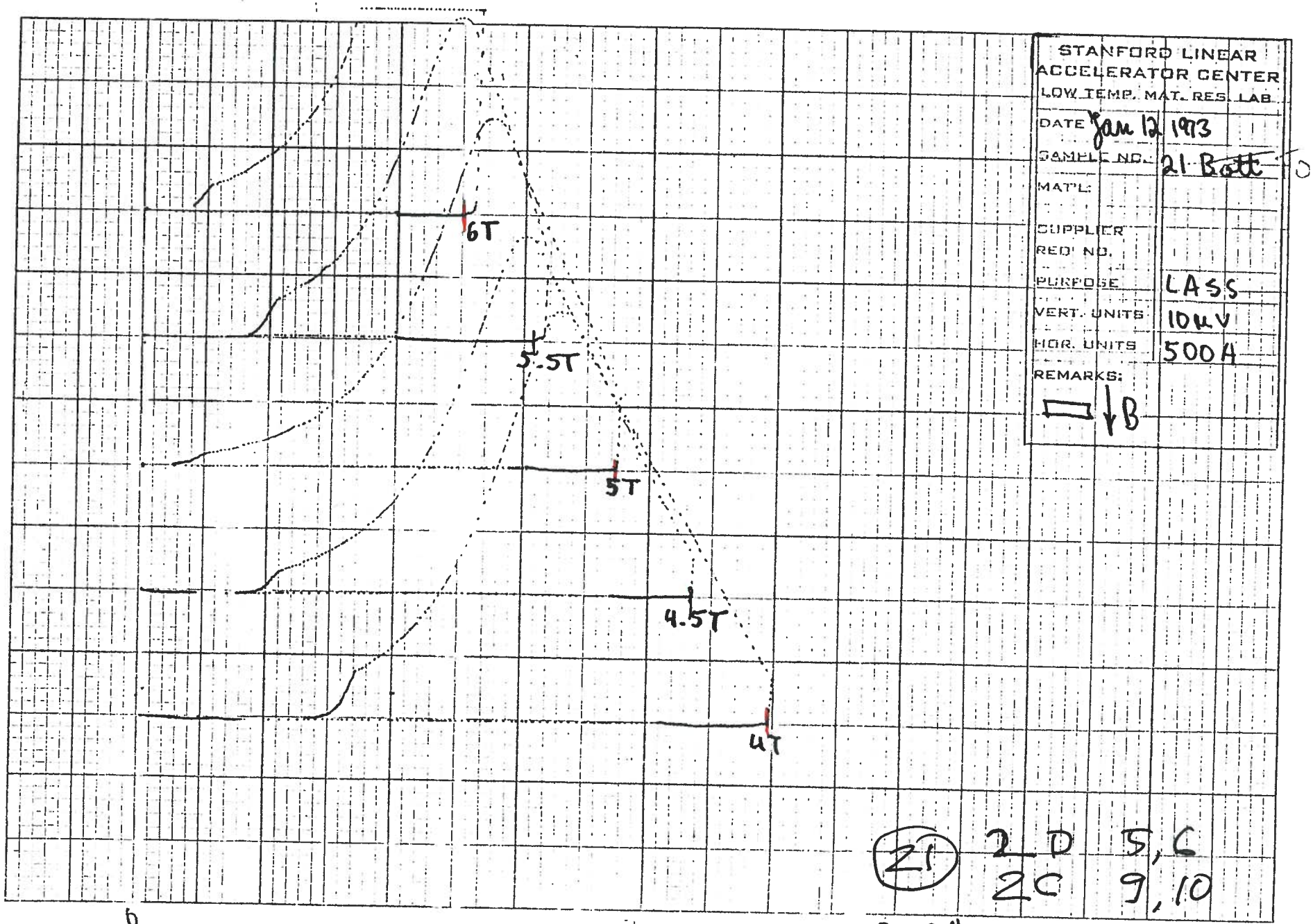
REMARKS:
B

20 20 7,8
20 9,10

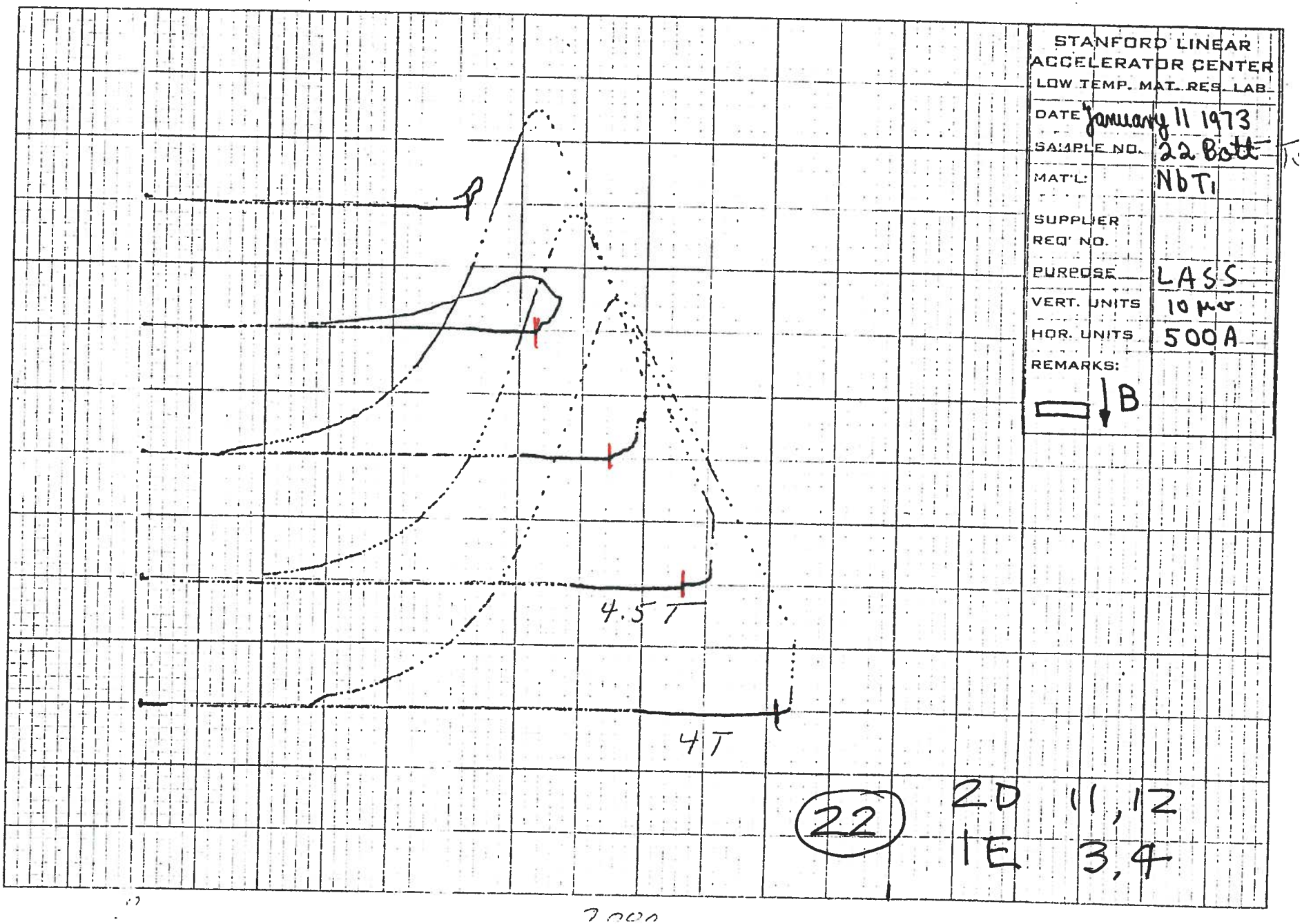
HEWLETT PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



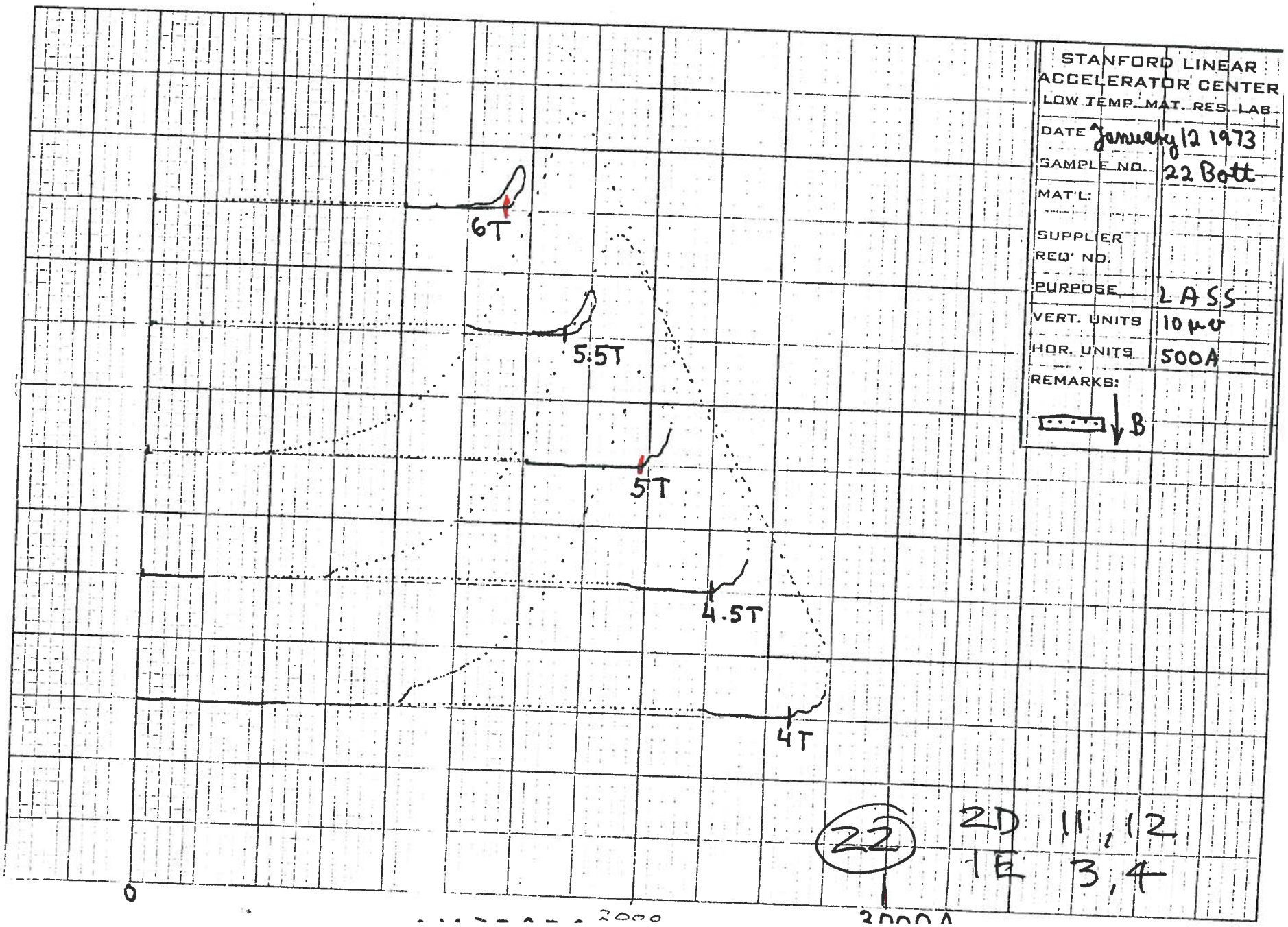
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB.

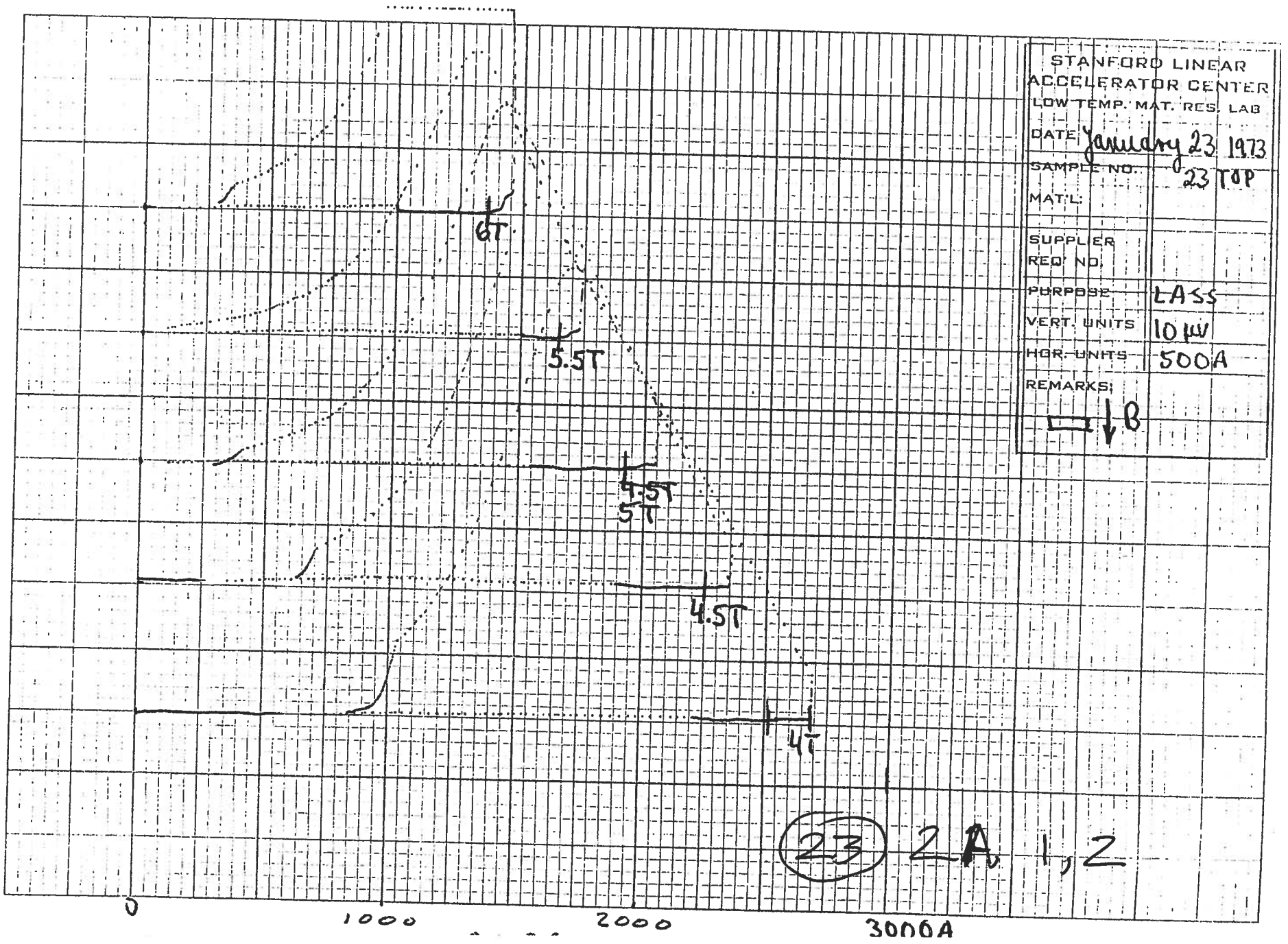
DATE	January 12 1973
SAMPLE NO.	22 Bott
MAT'L:	
SUPPLIER REQ' NO.	
PURPOSE	LASS
VERT. UNITS	10 μv
HOR. UNITS	500A

REMARKS: ↓B

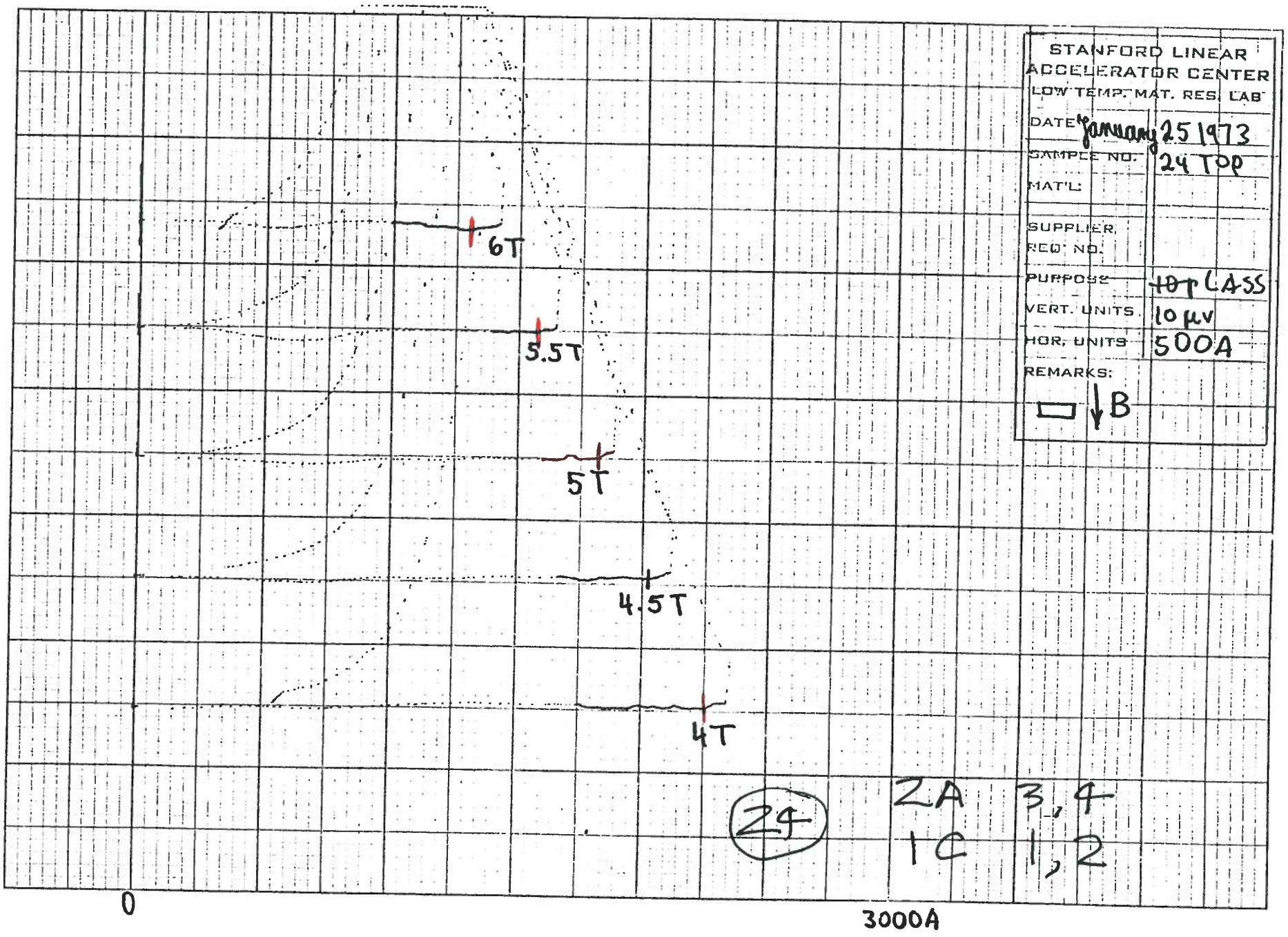
22

2D 11, 12
1E 3, 4

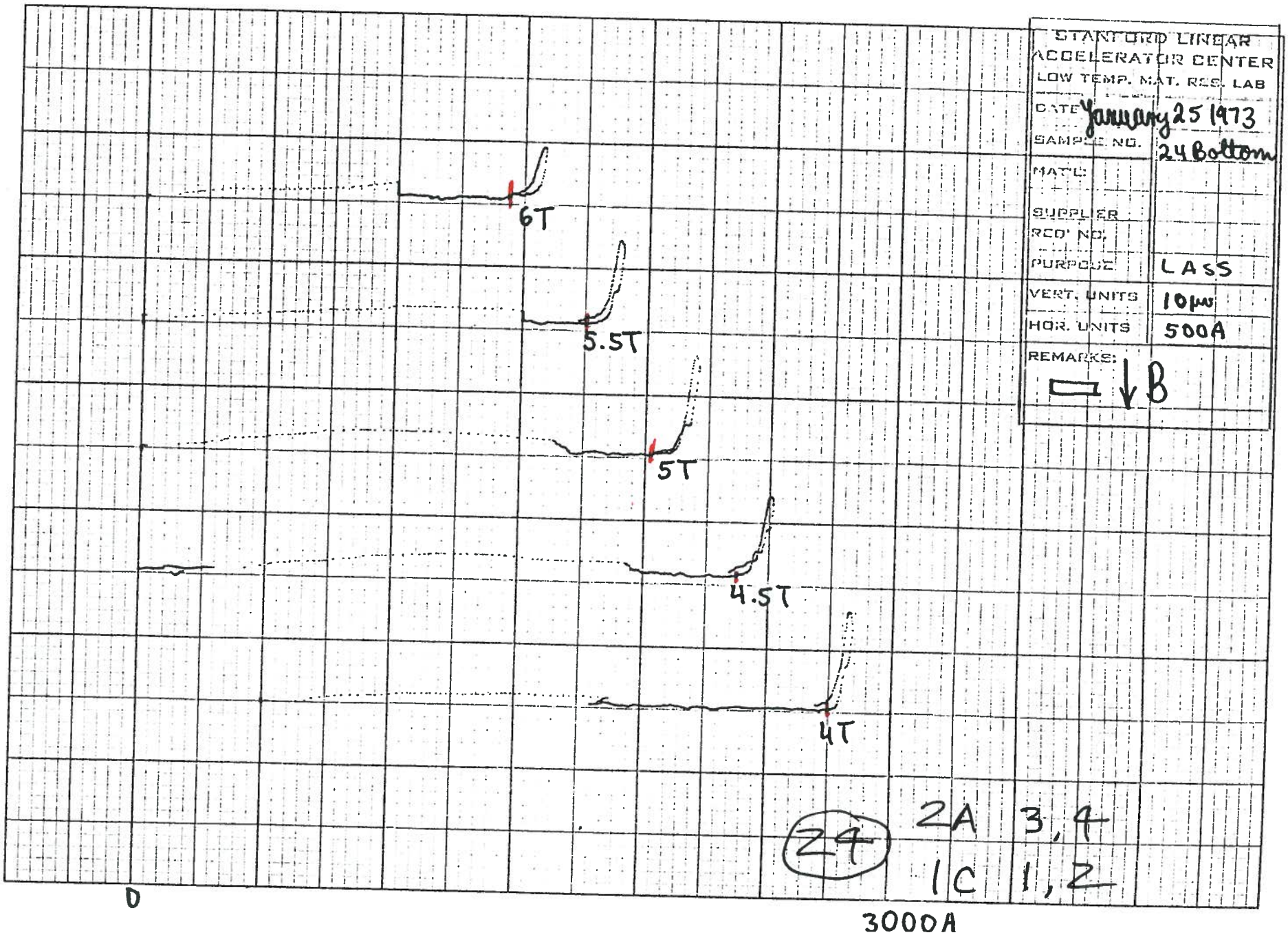
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
5270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



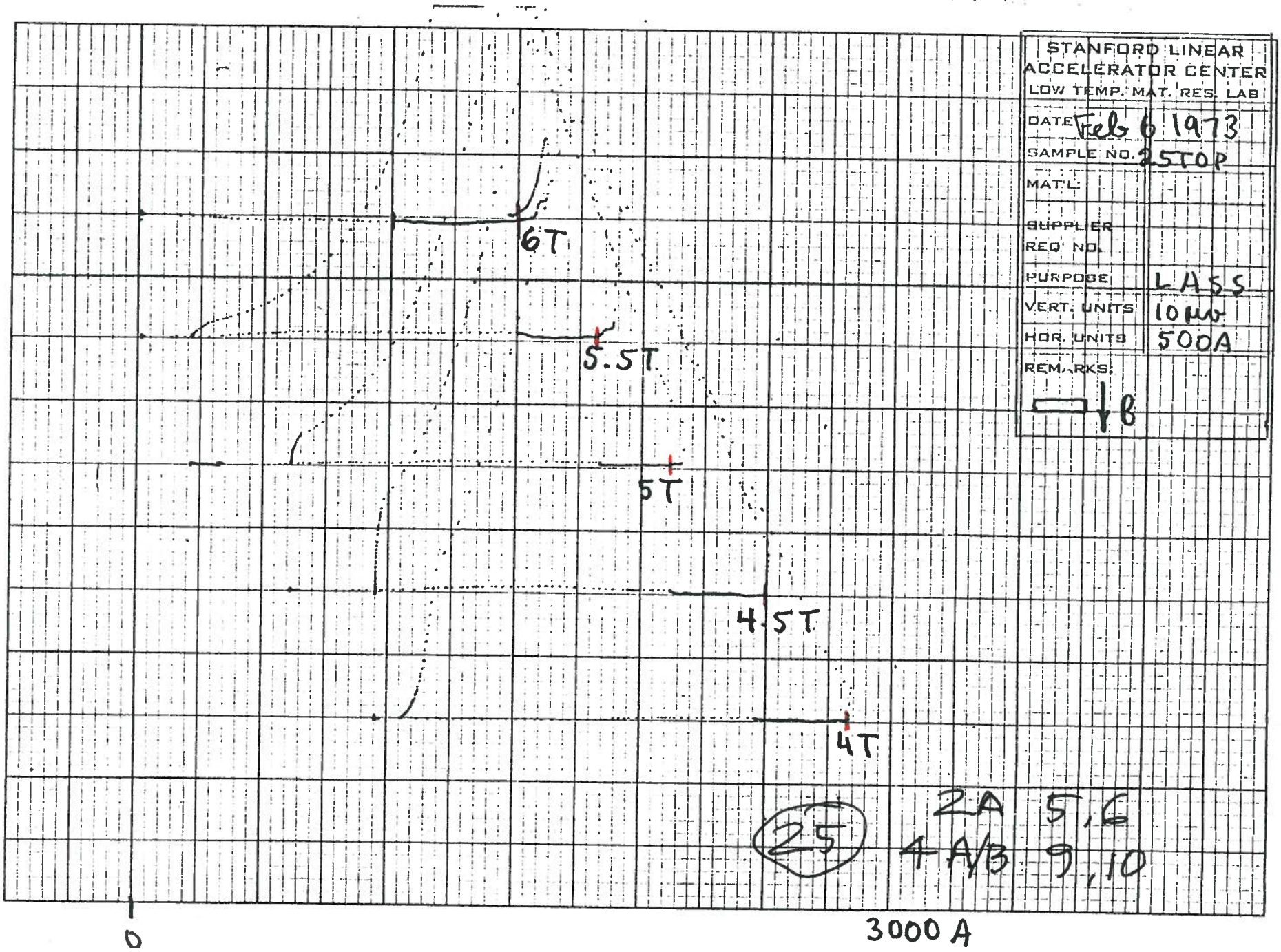
STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB

DATE	January 25 1973
SAMPLE NO.	24 Bottom
MATL	
SUPPLIER	
RCD' NO.	
PURPOSE	LASS
VERT. UNITS	10μ
HOR. UNITS	500A

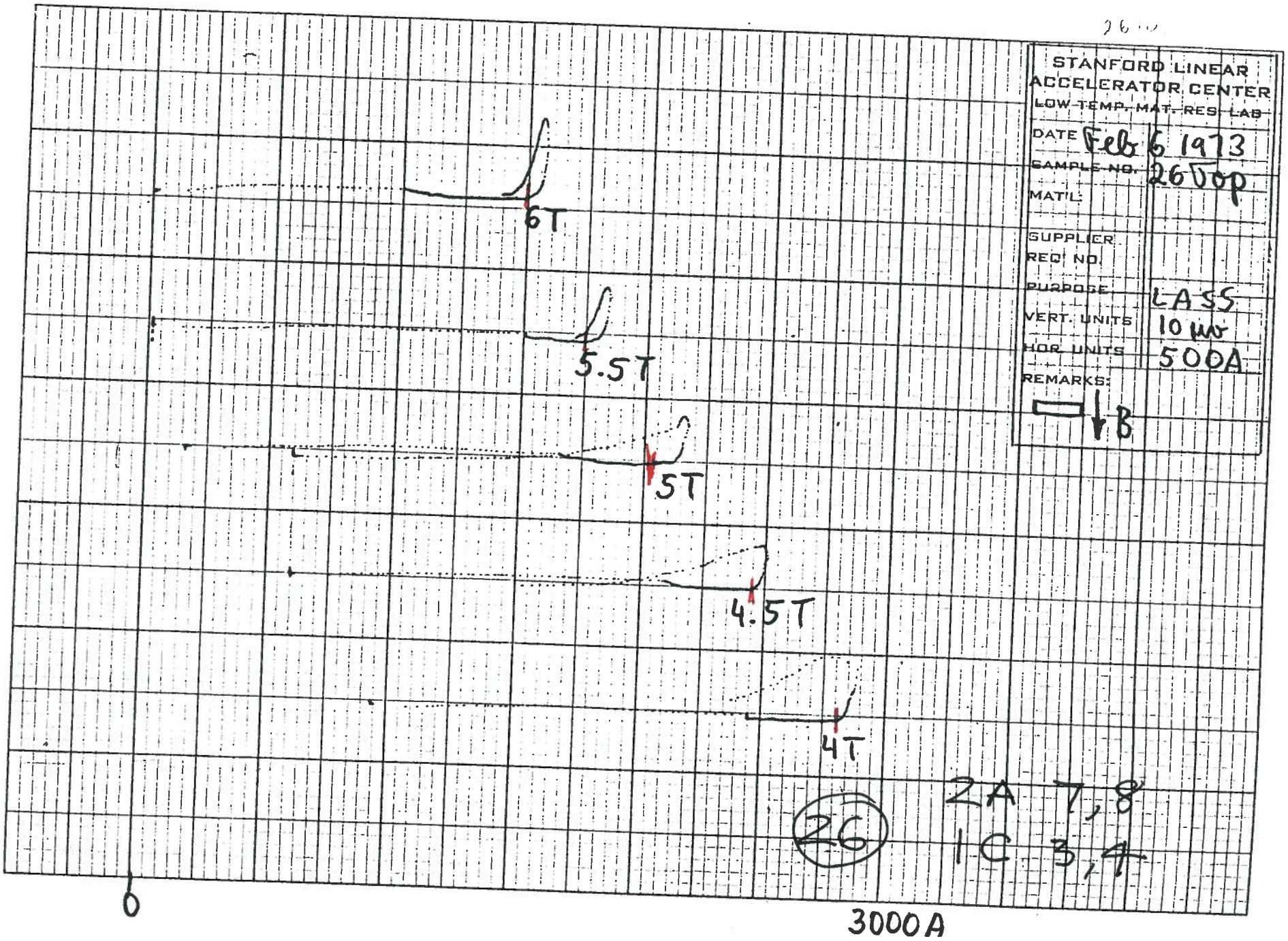
REMARKS: ↓B

24 2A 3,4
1C 1,2

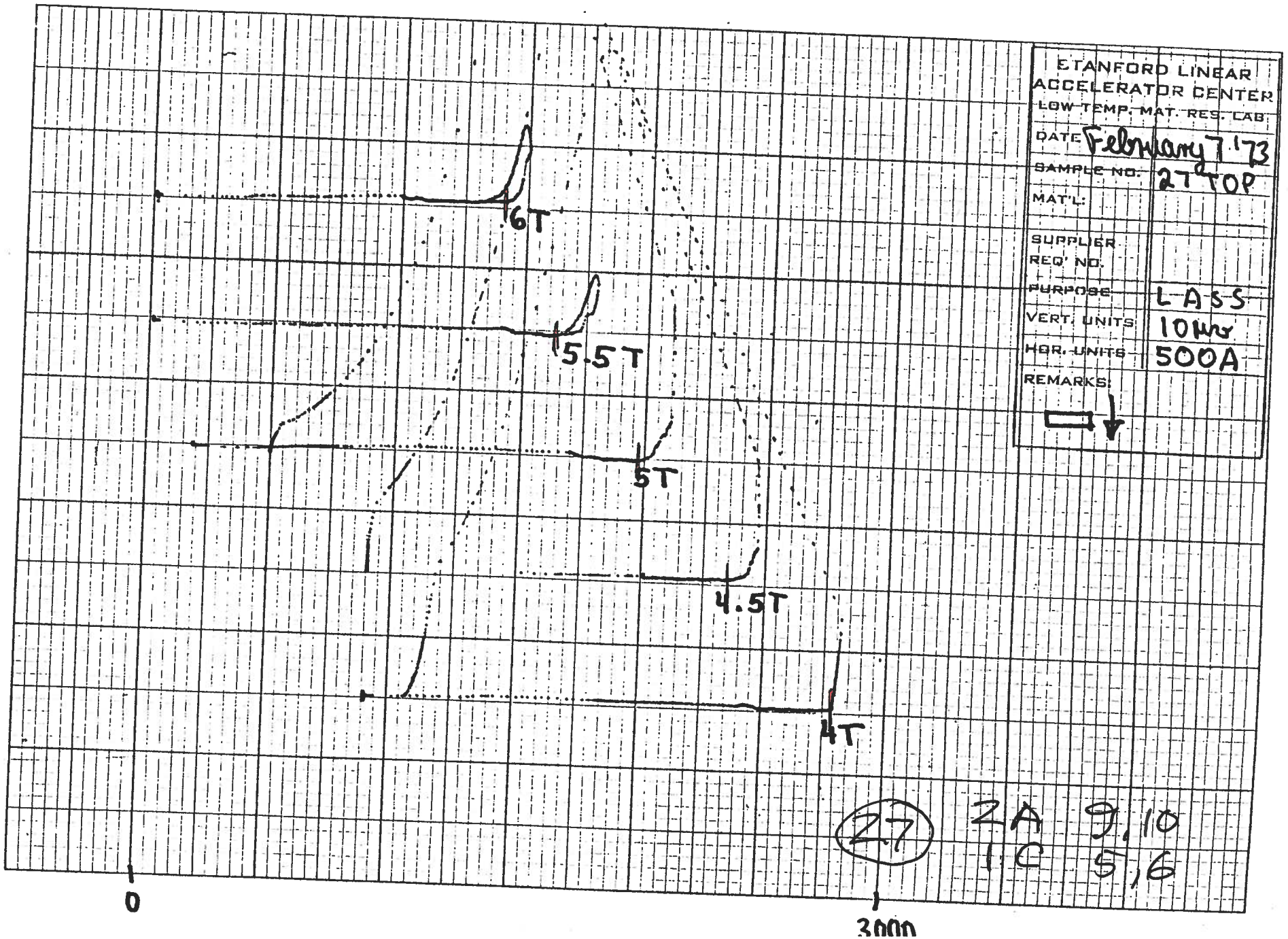
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



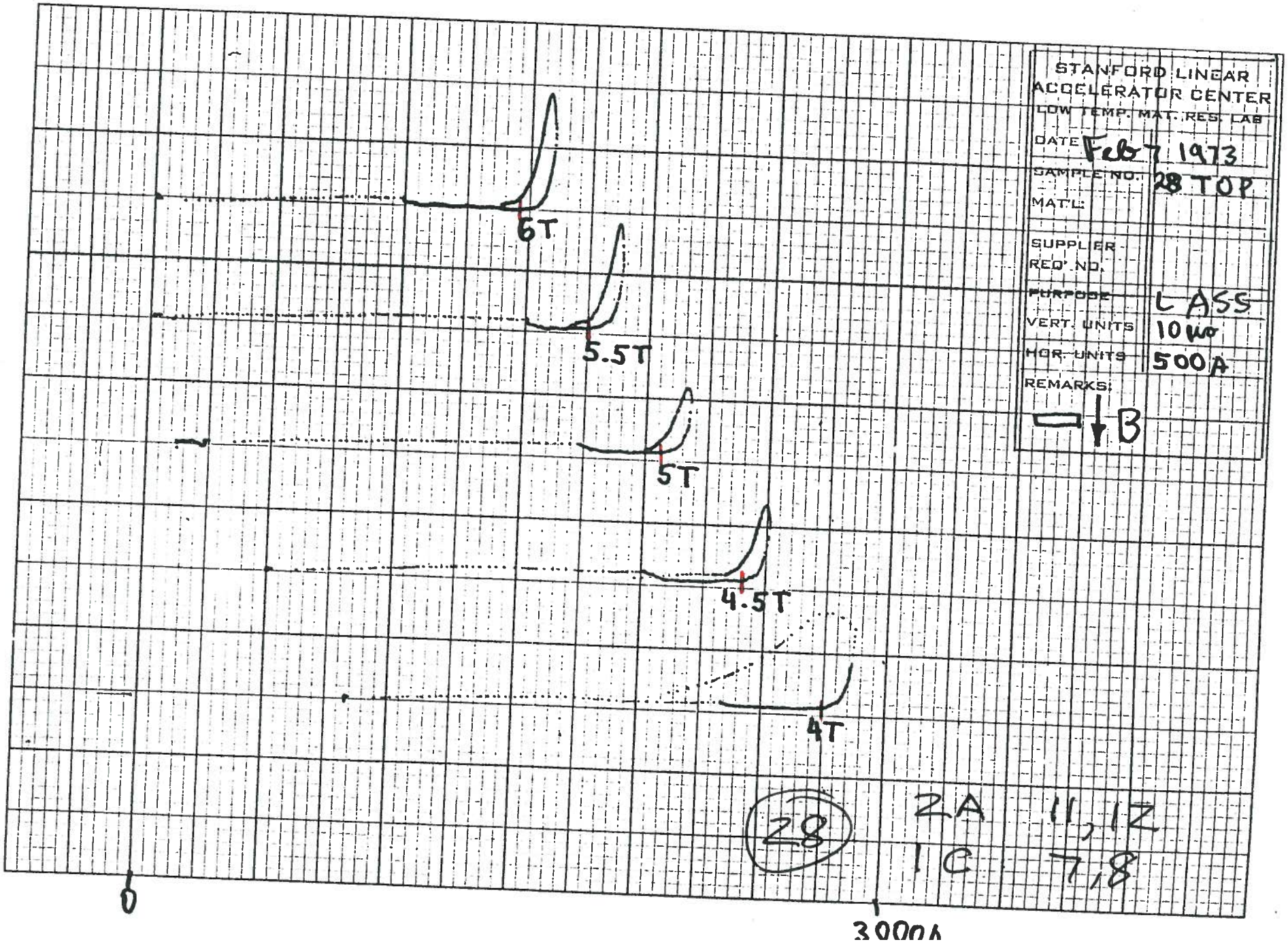
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



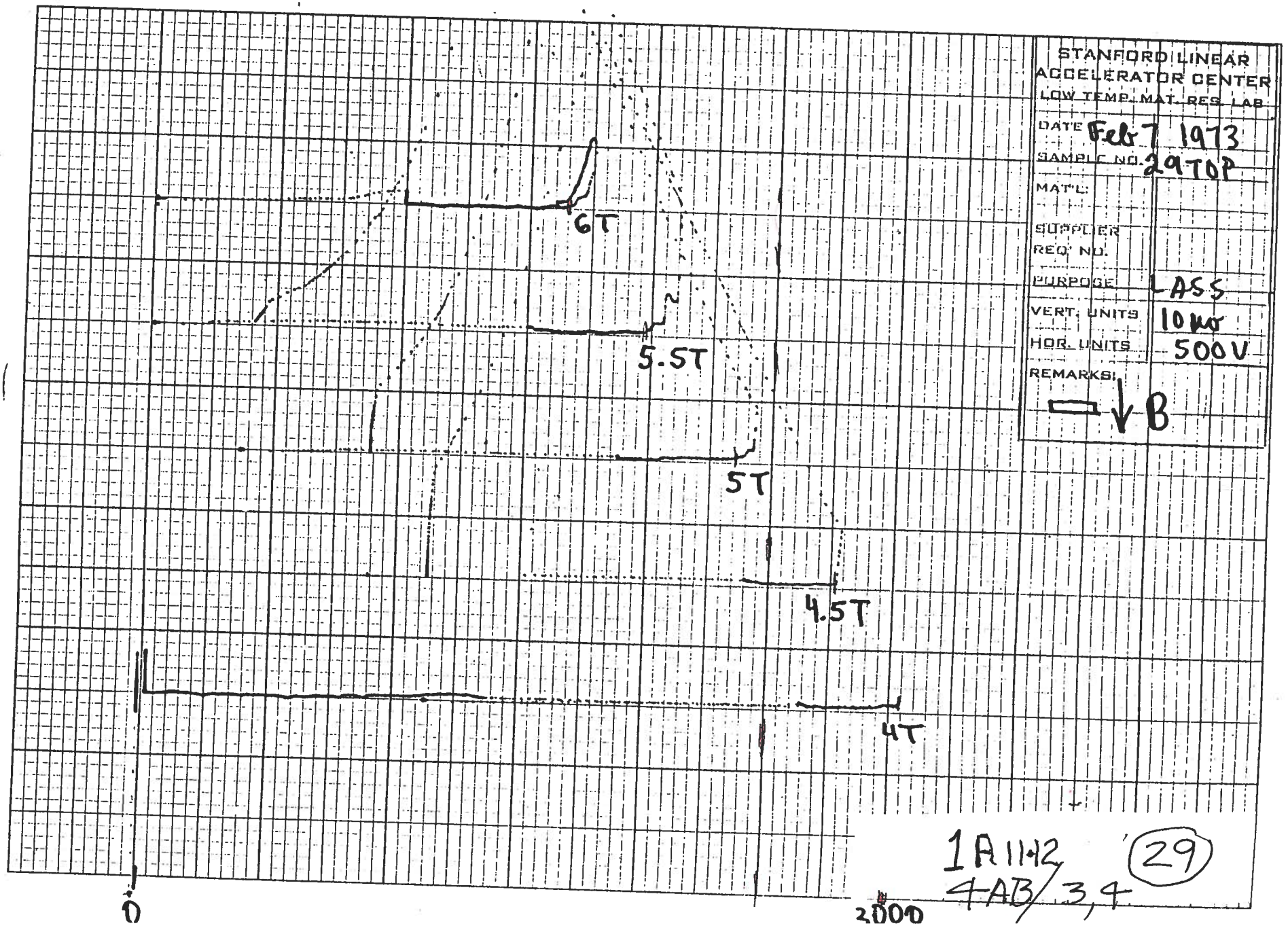
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



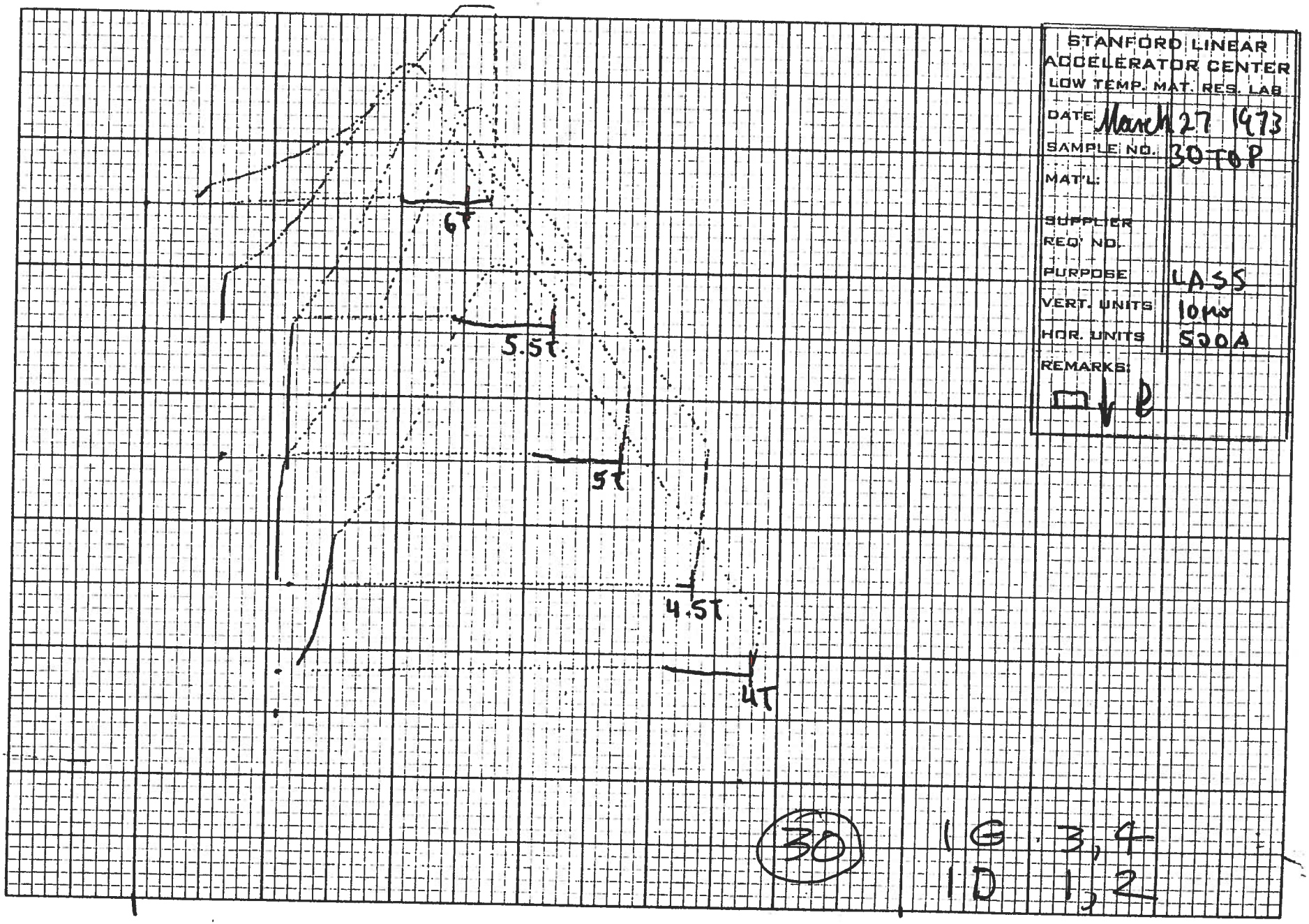
HEWLETT-PACKARD/MOSELEY DIVISION
9270 1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



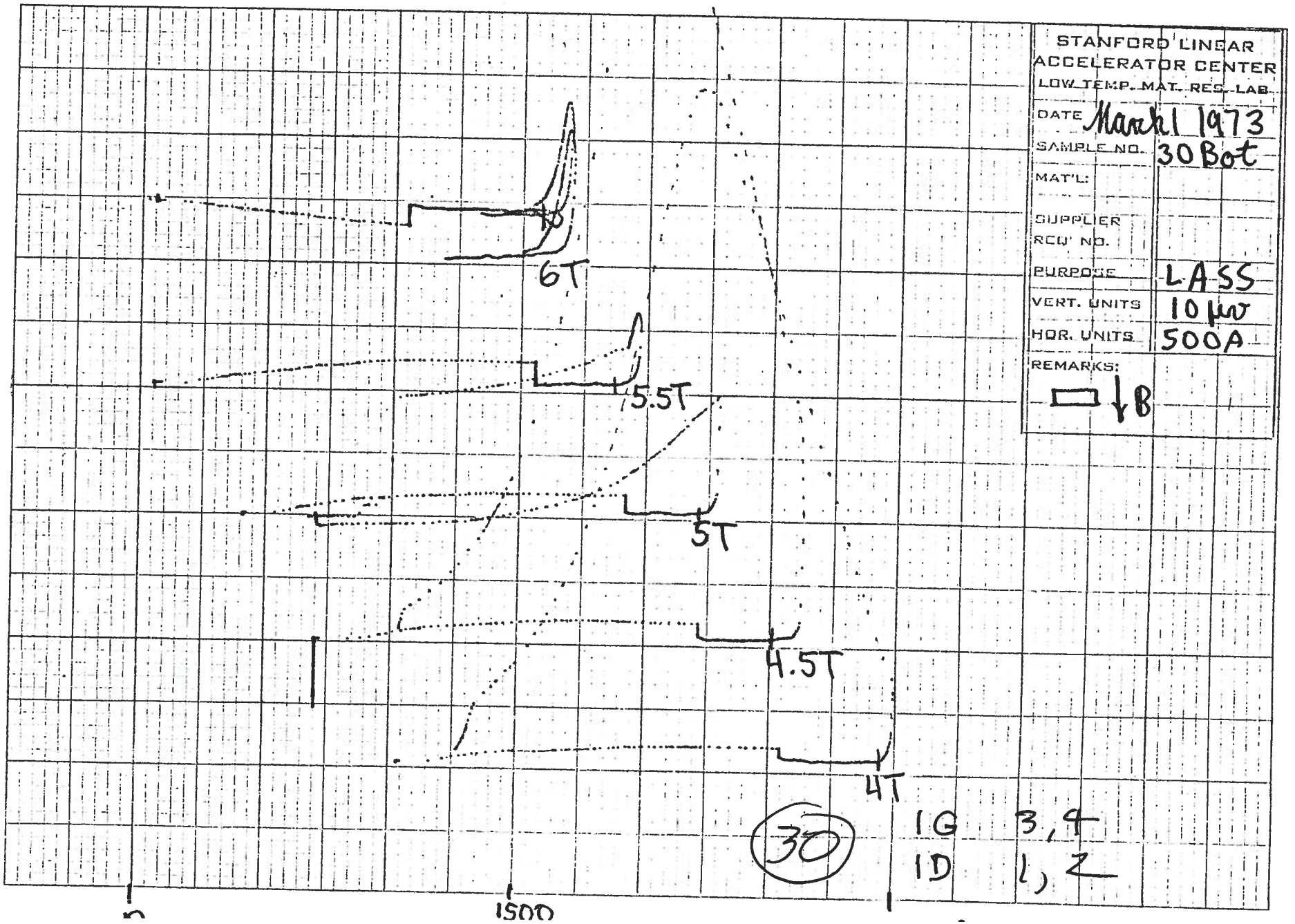
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB

DATE March 27 1973
SAMPLE NO. 30 TOP
MAT'L:
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10mV
HOR. UNITS 500A
REMARKS:

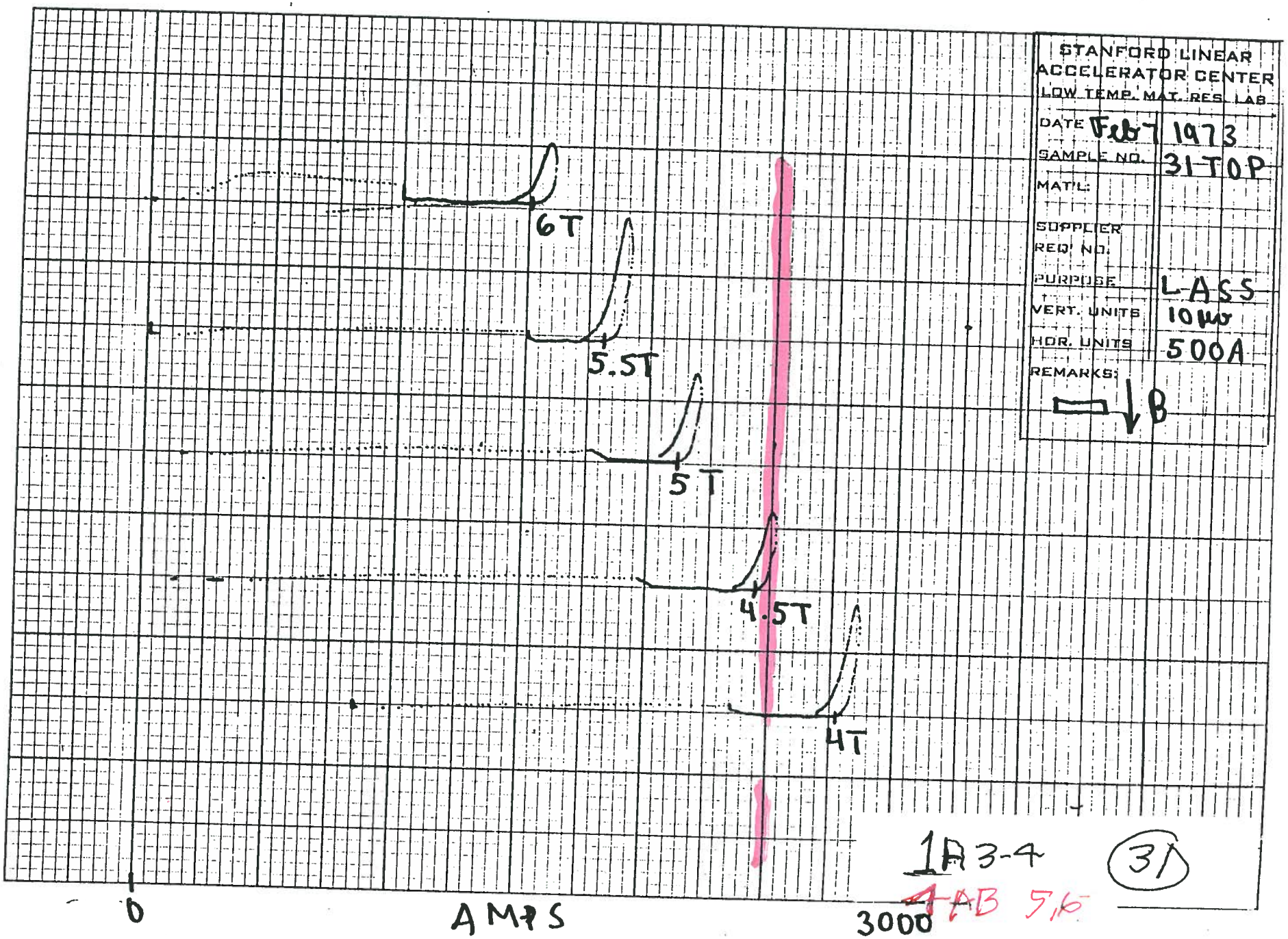
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB.

DATE	March 1973
SAMPLE NO.	30 Bot
MAT'L:	
SUPPLIER RCV' NO.	
PURPOSE	LASS
VERT. UNITS	10 μv
HOR. UNITS	500A
REMARKS:	↓B

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

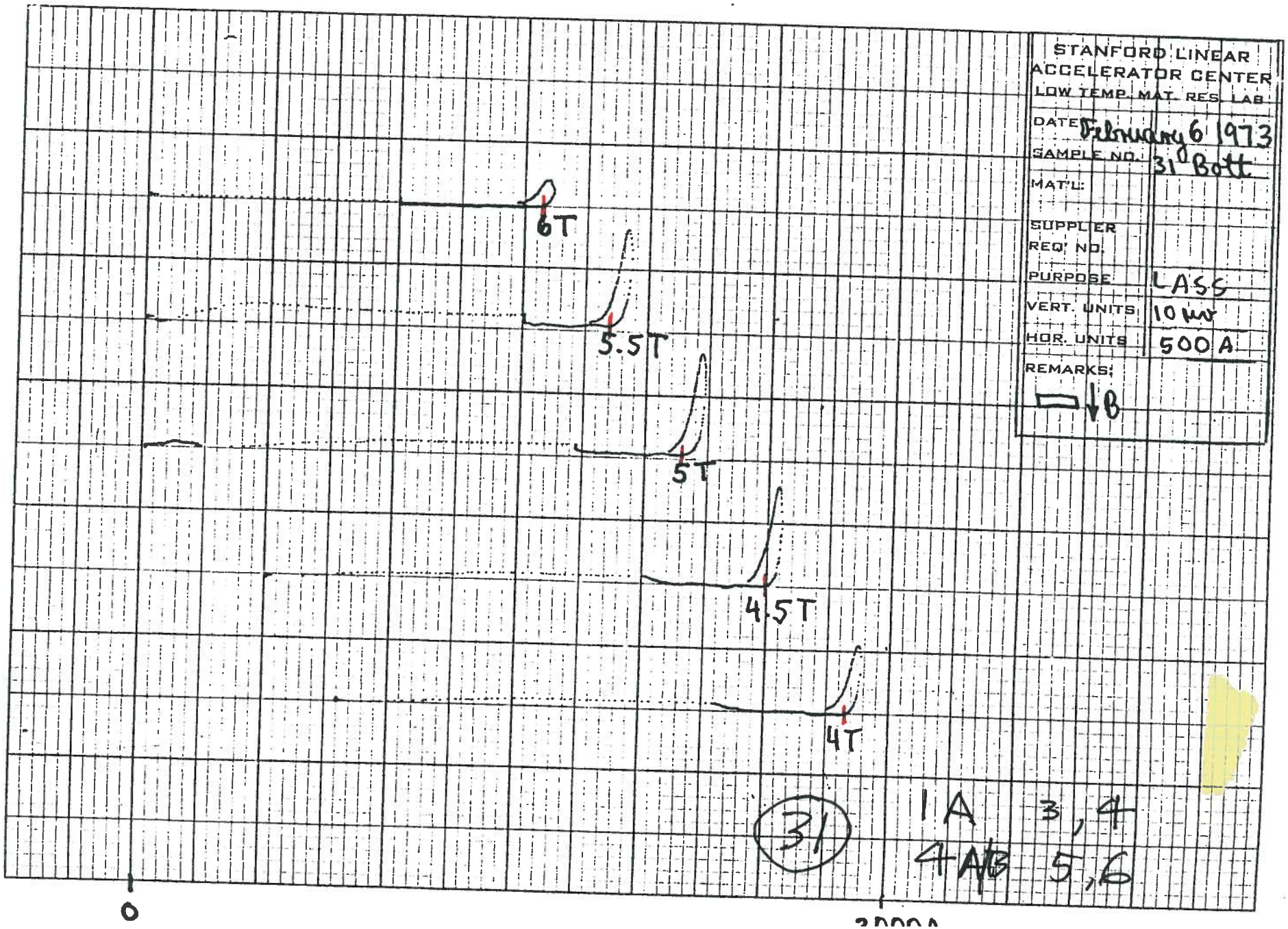


STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB.

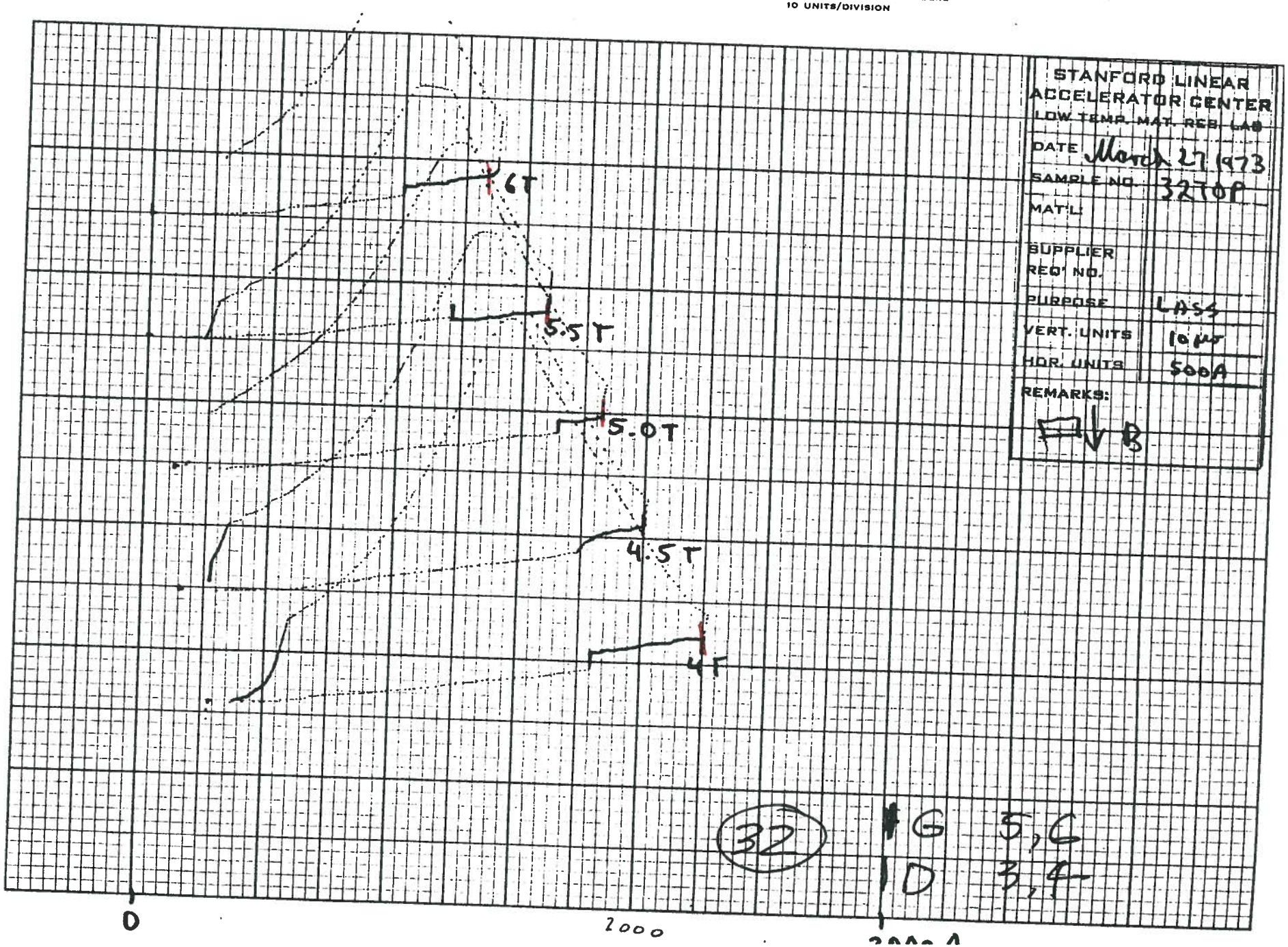
DATE Feb 7 1973
SAMPLE NO. 31 TOP
MAT'L:
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10 μv
HOR. UNITS 500A
REMARKS: ↓B

1A3-4 (31)
~~4~~ AB 5,6

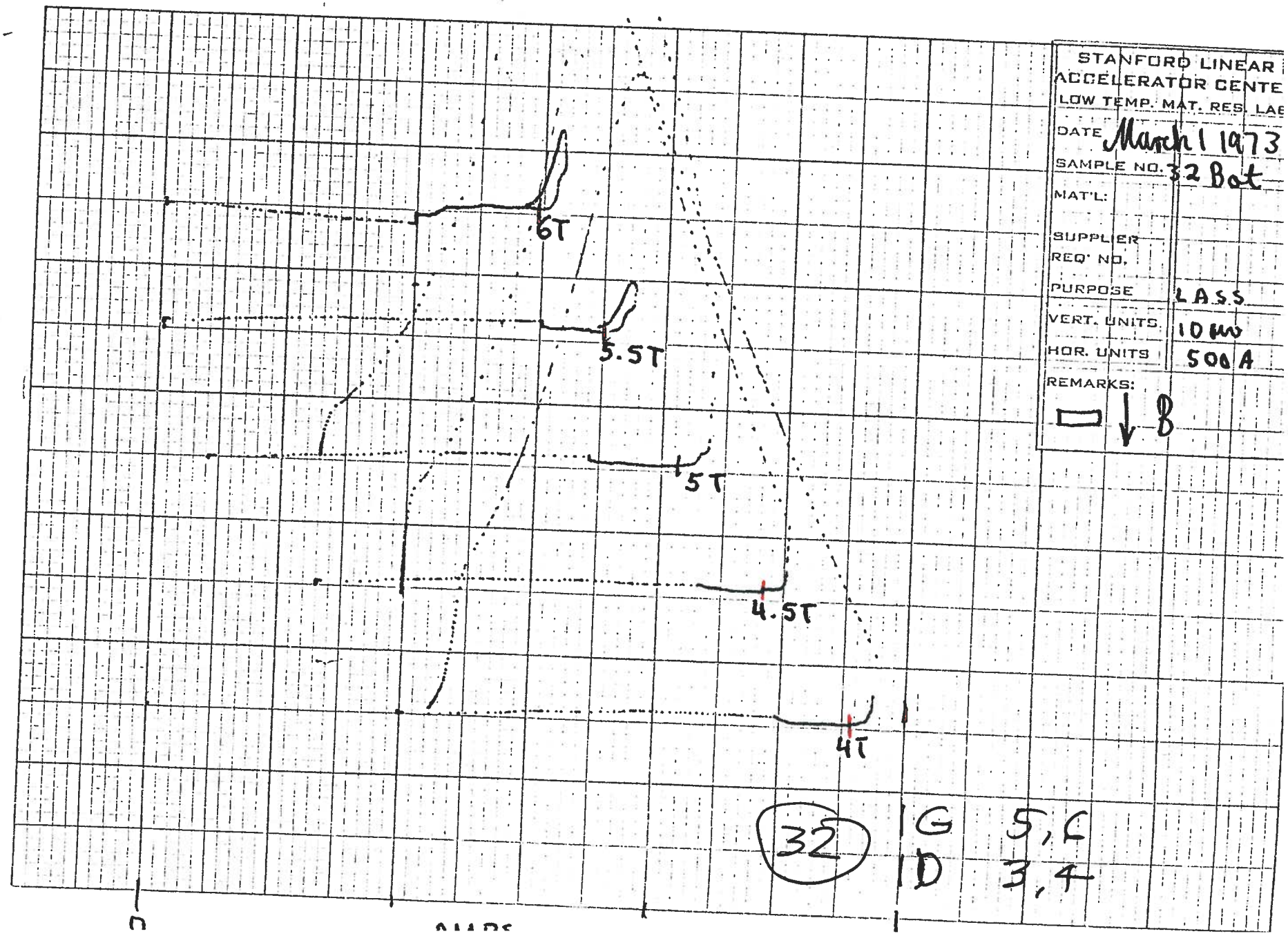
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

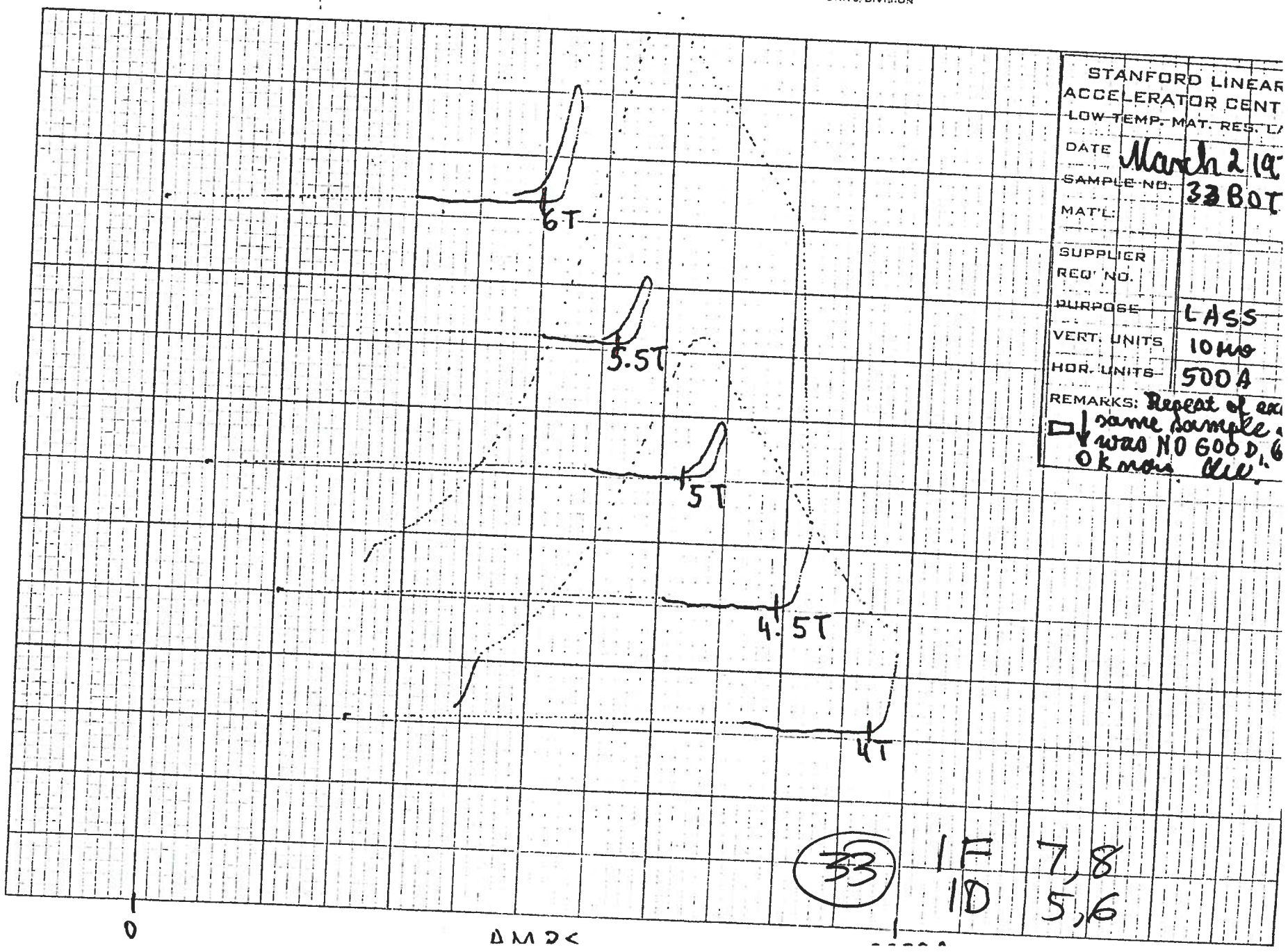


STANFORD LINEAR
ACCELERATOR CENTE
LOW TEMP. MAT. RES. LAB
DATE March 1 1973
SAMPLE NO. 32 Bot
MAT'L:
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10 mv
HOR. UNITS 500 A
REMARKS:
B

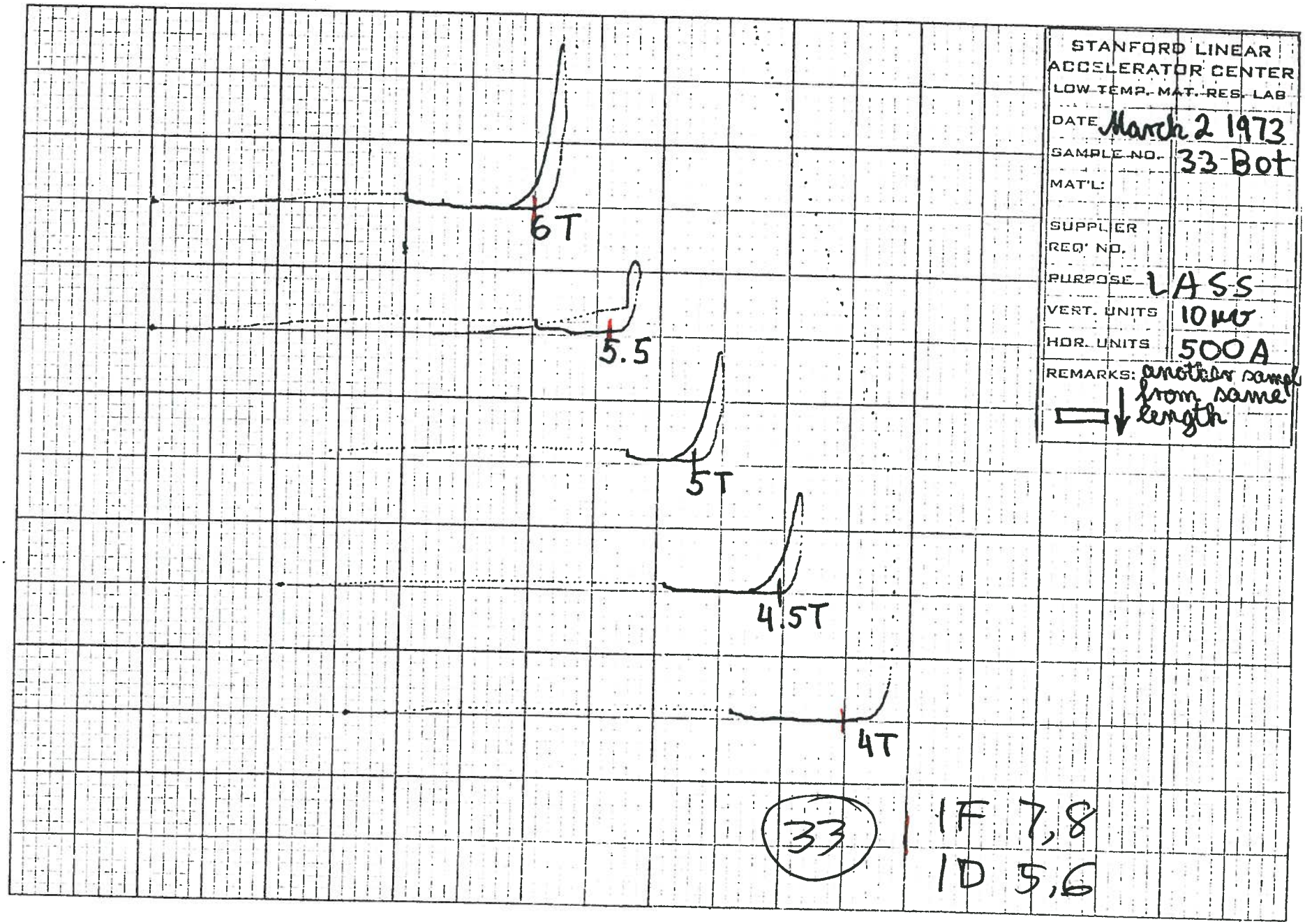
32
G 5, C
D 3, 4

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



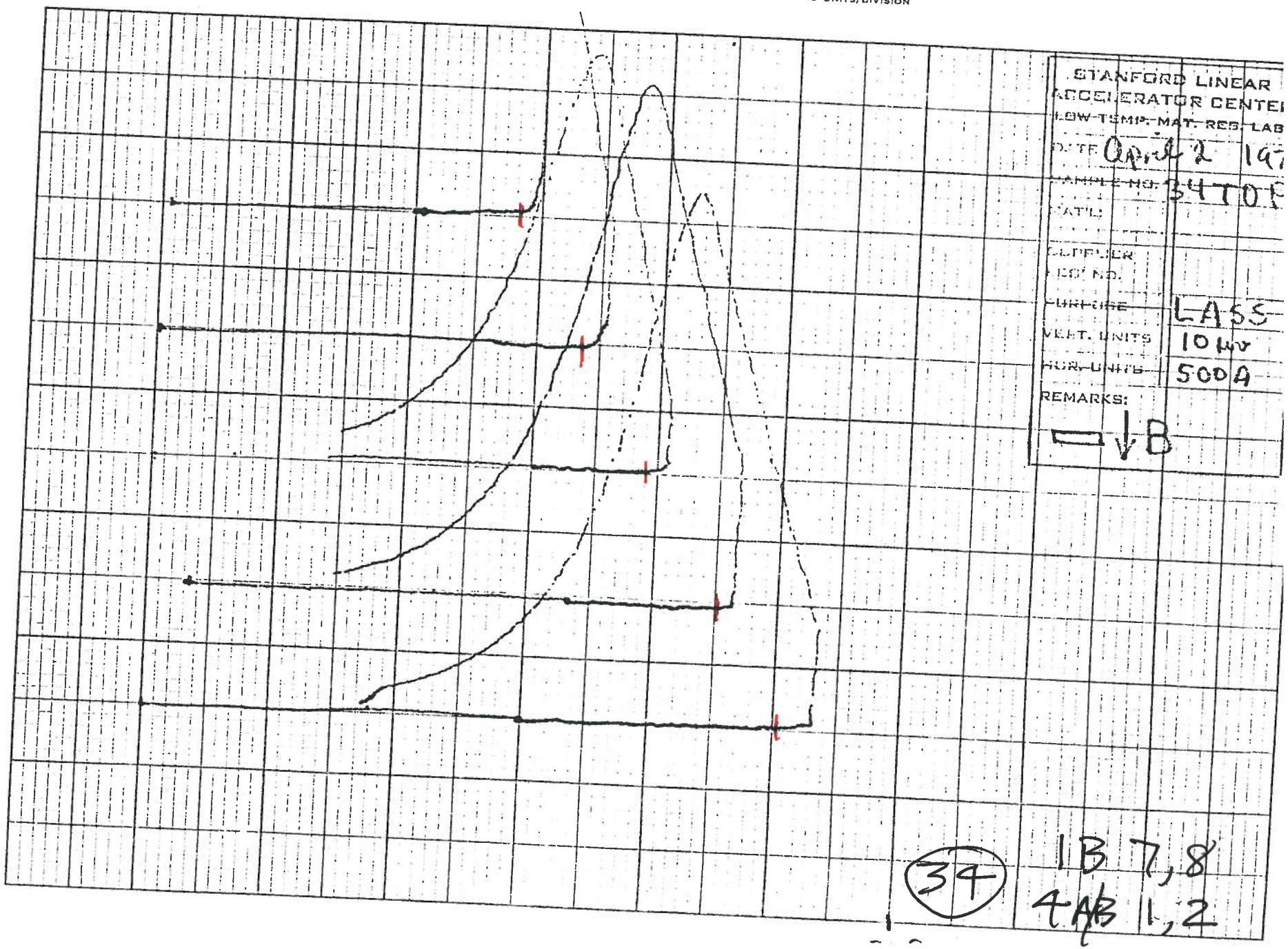
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



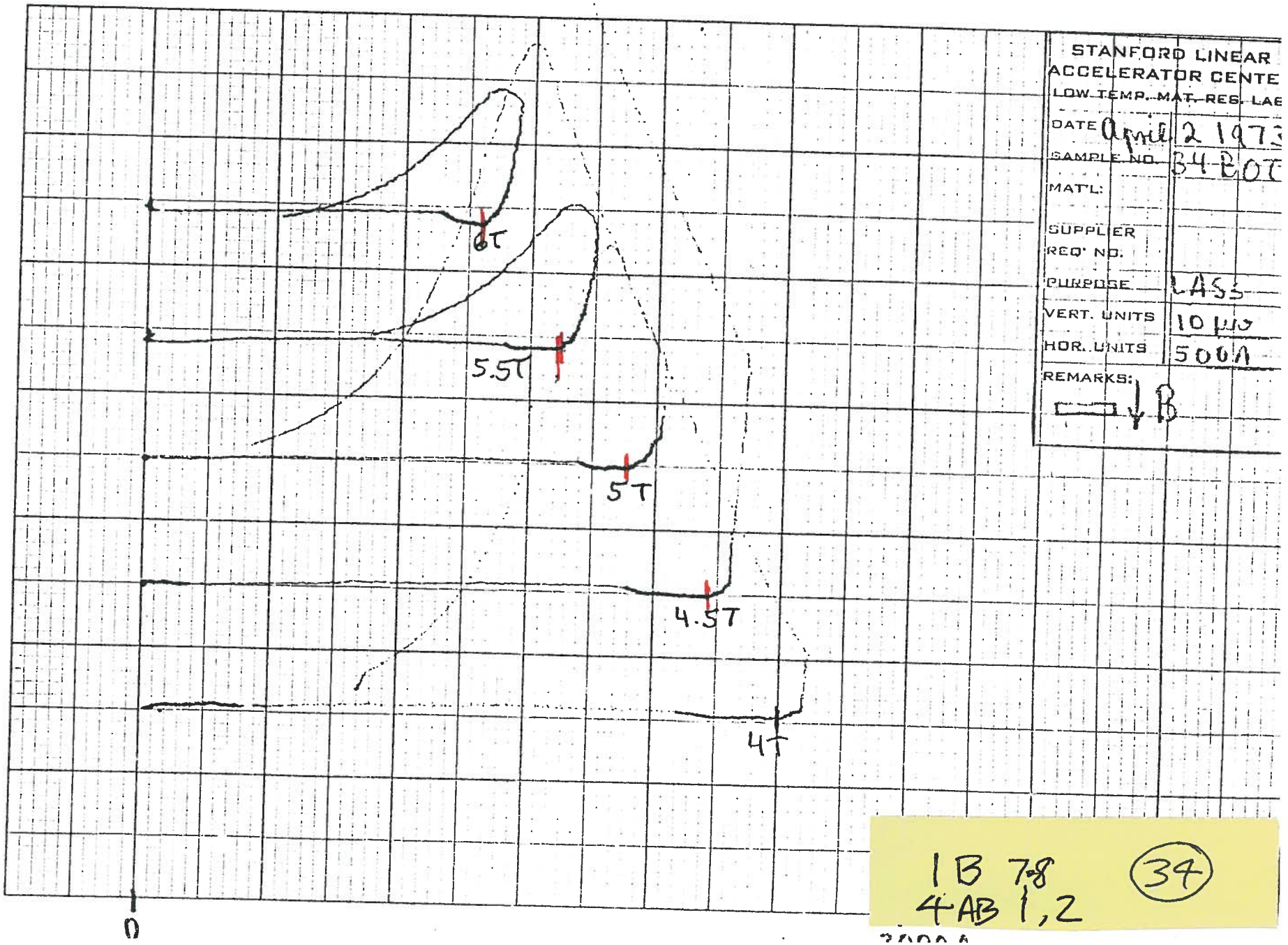
STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB

DATE March 2 1973
SAMPLE NO. 33 Bot
MAT'L:
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10 μΩ
HOR. UNITS 500 A
REMARKS: another sample from same length

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



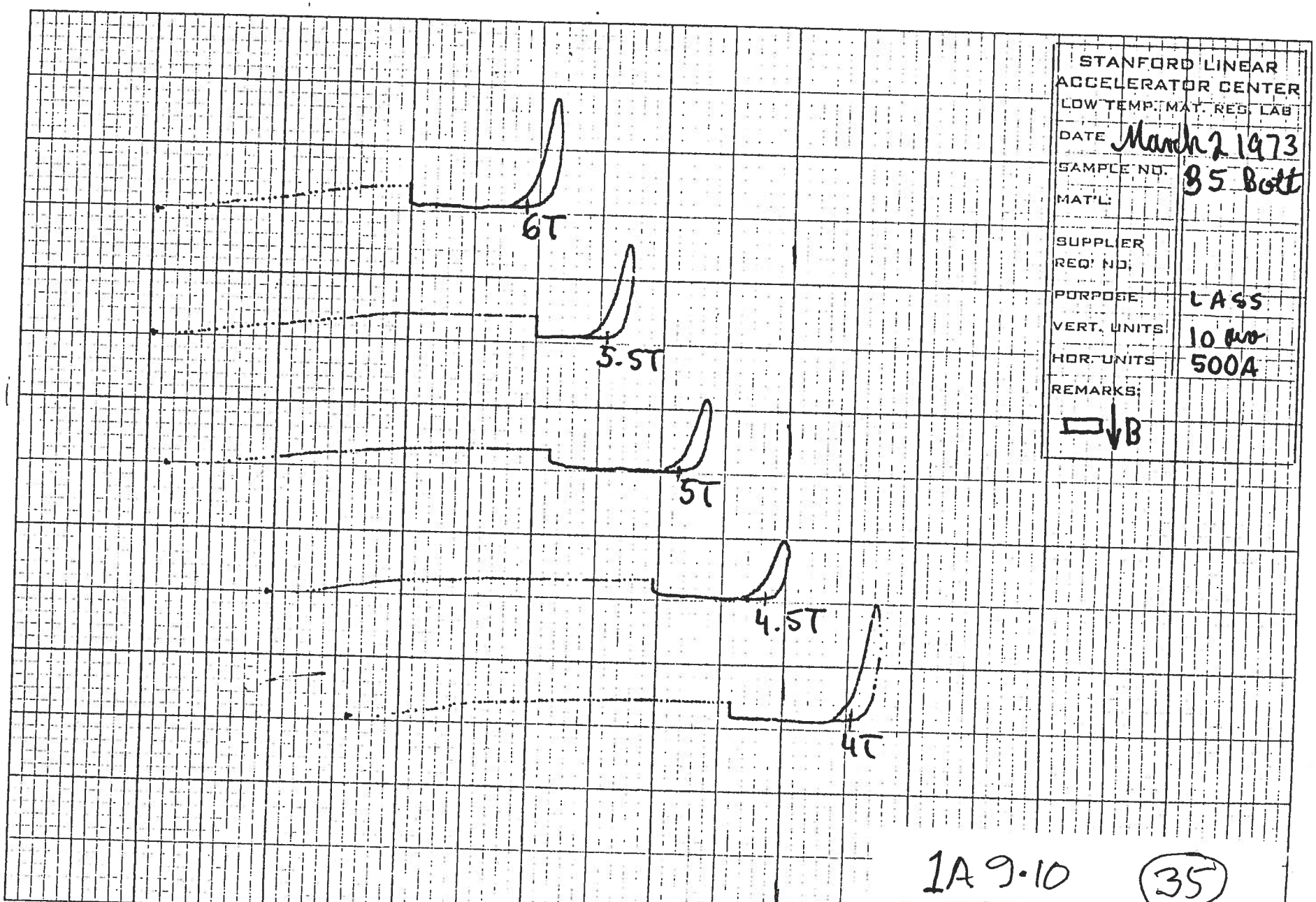
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



STANFORD LINEAR ACCELERATOR CENTE
LOW TEMP. MAT. RES. LAB
DATE April 2 1973
SAMPLE NO. 34 EOT
MAT'L:
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10 μv
HOR. UNITS 500A
REMARKS:
B

1B 7-8
4AB 1,2
(34)

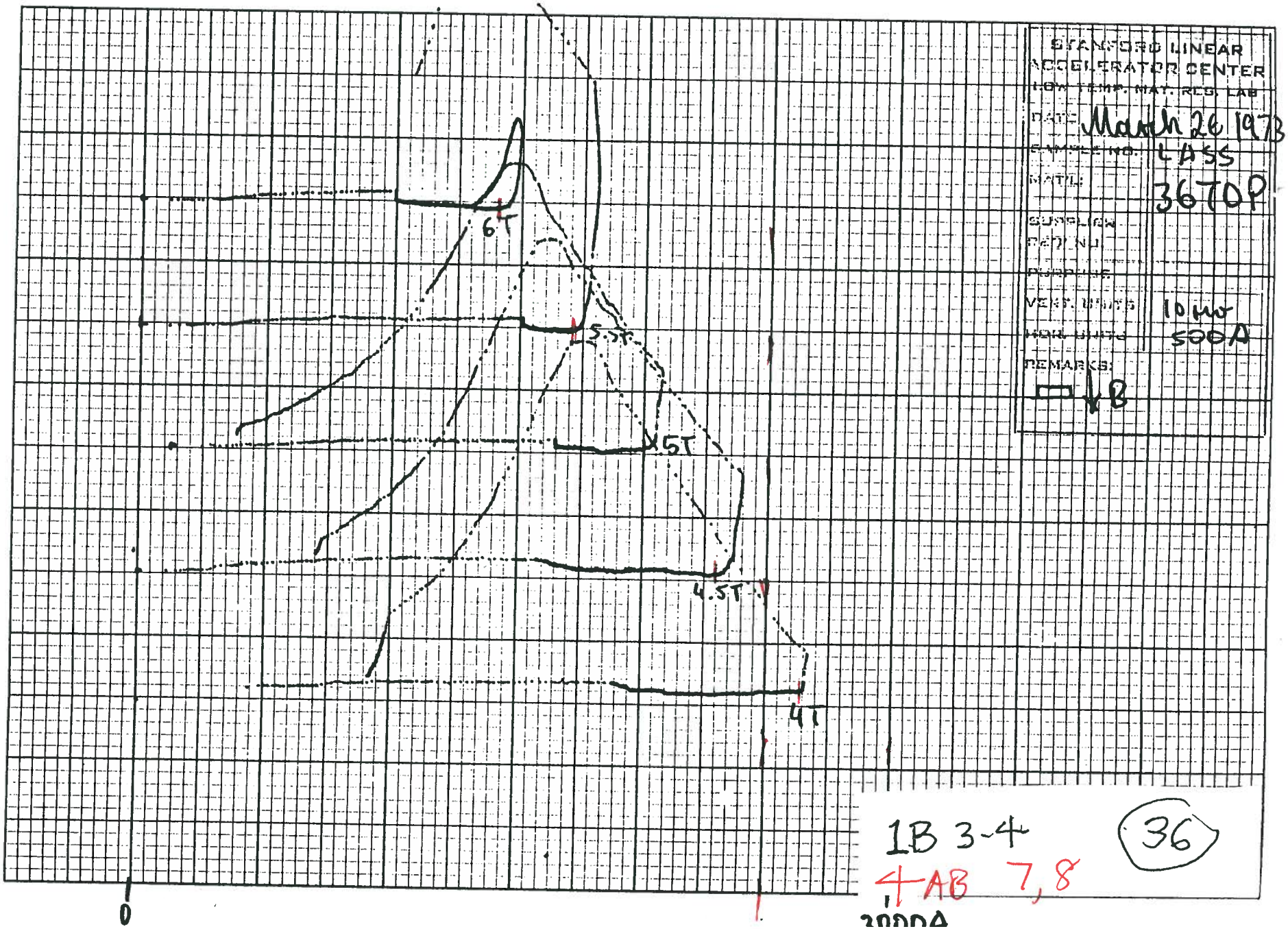
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



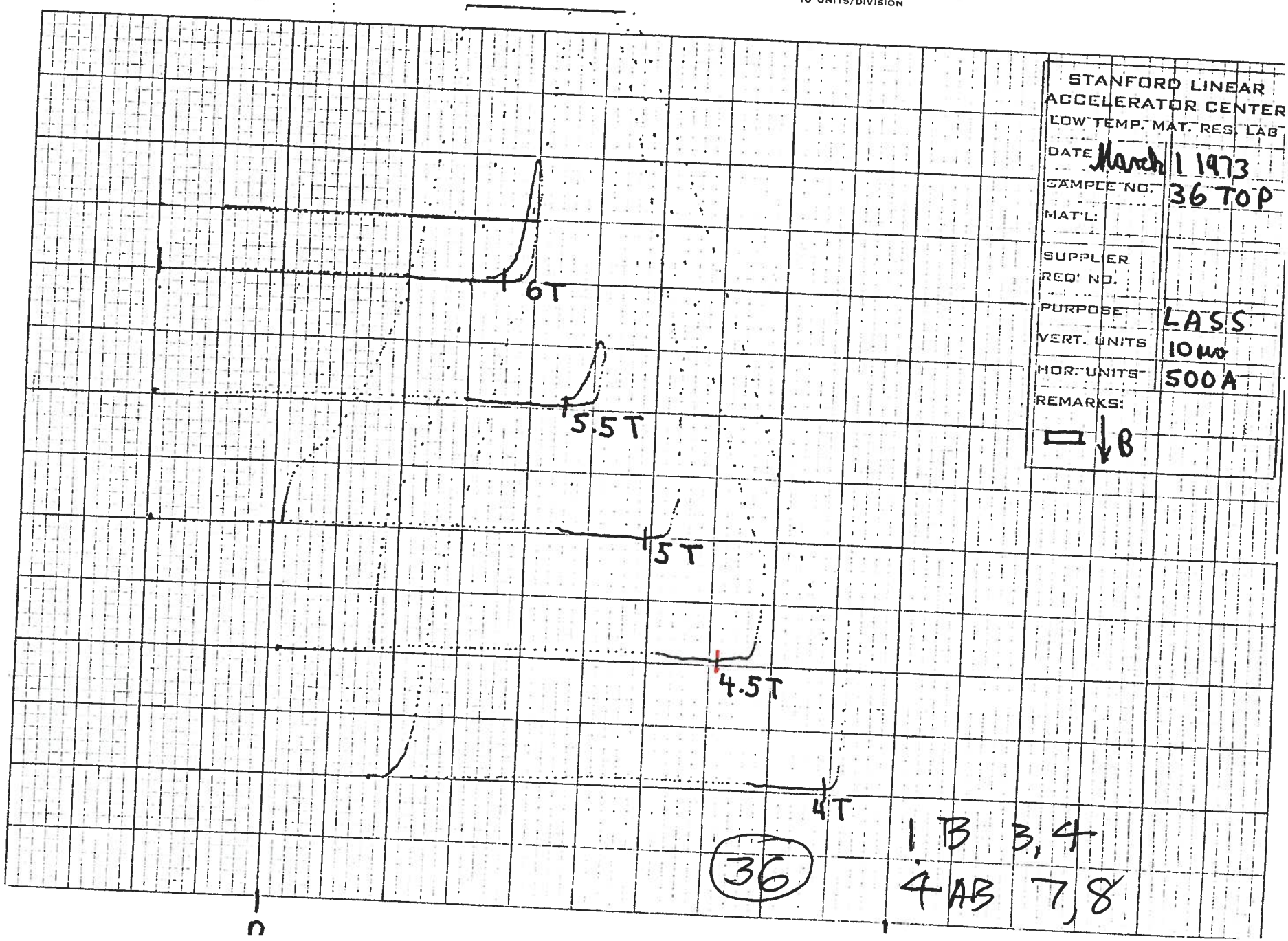
STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB
DATE March 2 1973
SAMPLE NO. B5 Bolt
MAT'L:
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10 mv
HOR. UNITS 500A
REMARKS:
B

1A 9-10 (35)
~~1AB~~ 11,12

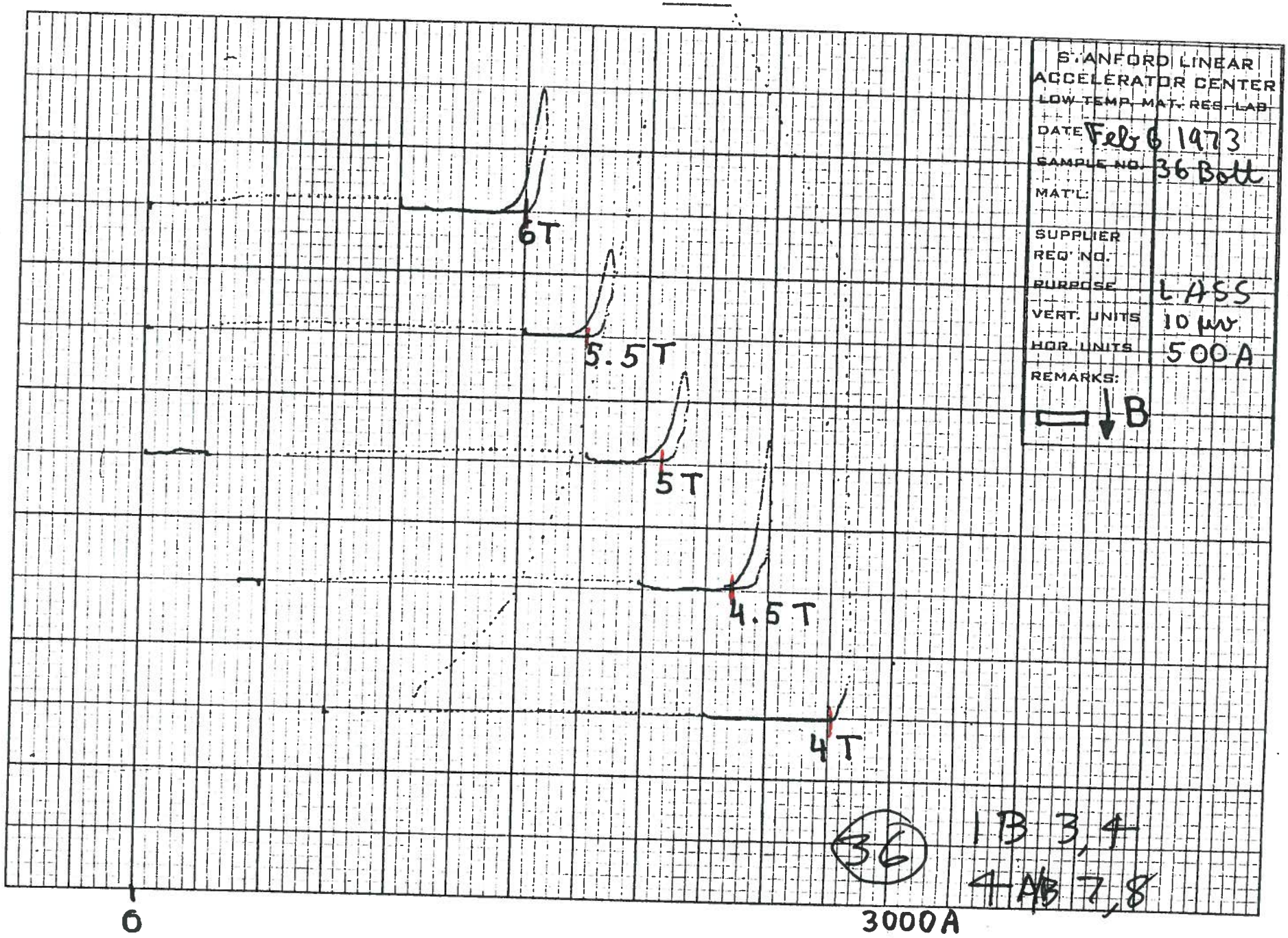
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

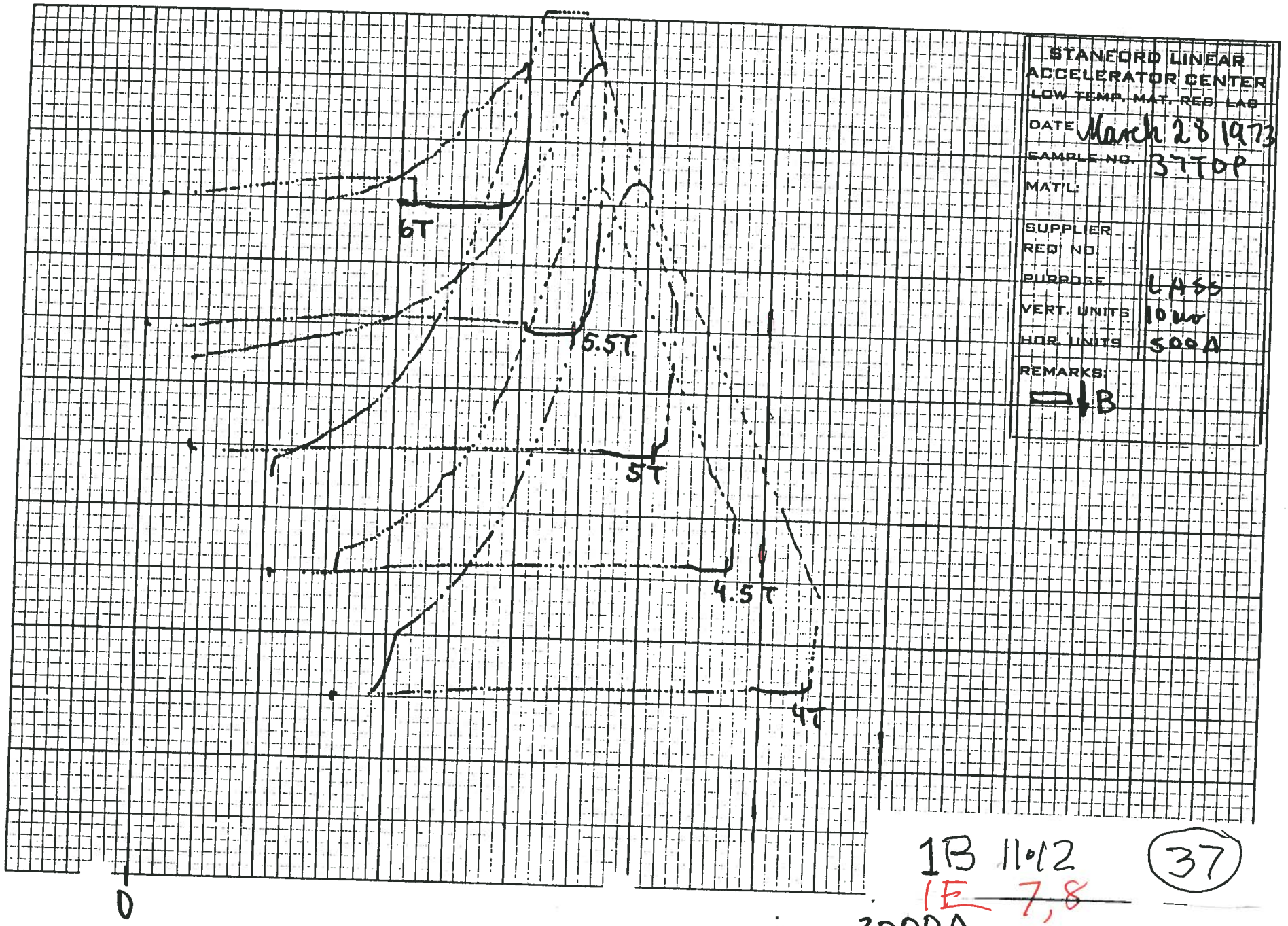


HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

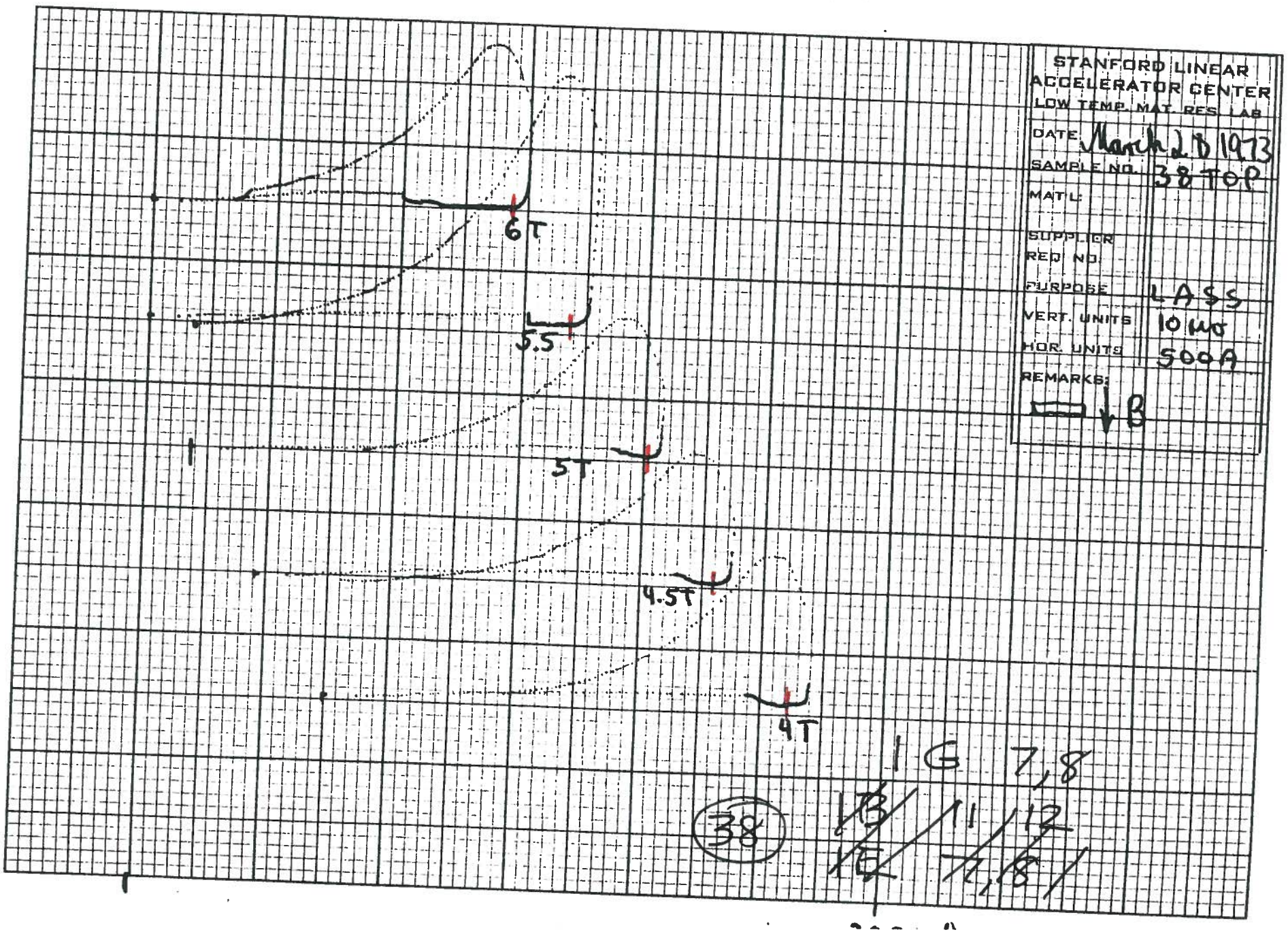


STANFORD LINEAR ACCELERATOR CENTER	
LOW TEMP. MAT. RES. LAB	
DATE	Feb 6 1973
SAMPLE NO.	36 Bott
MAT'L:	
SUPPLIER	
REQ' NO.	
PURPOSE	LASS
VERT. UNITS	10 μv
HOR. UNITS	500 A
REMARKS:	B

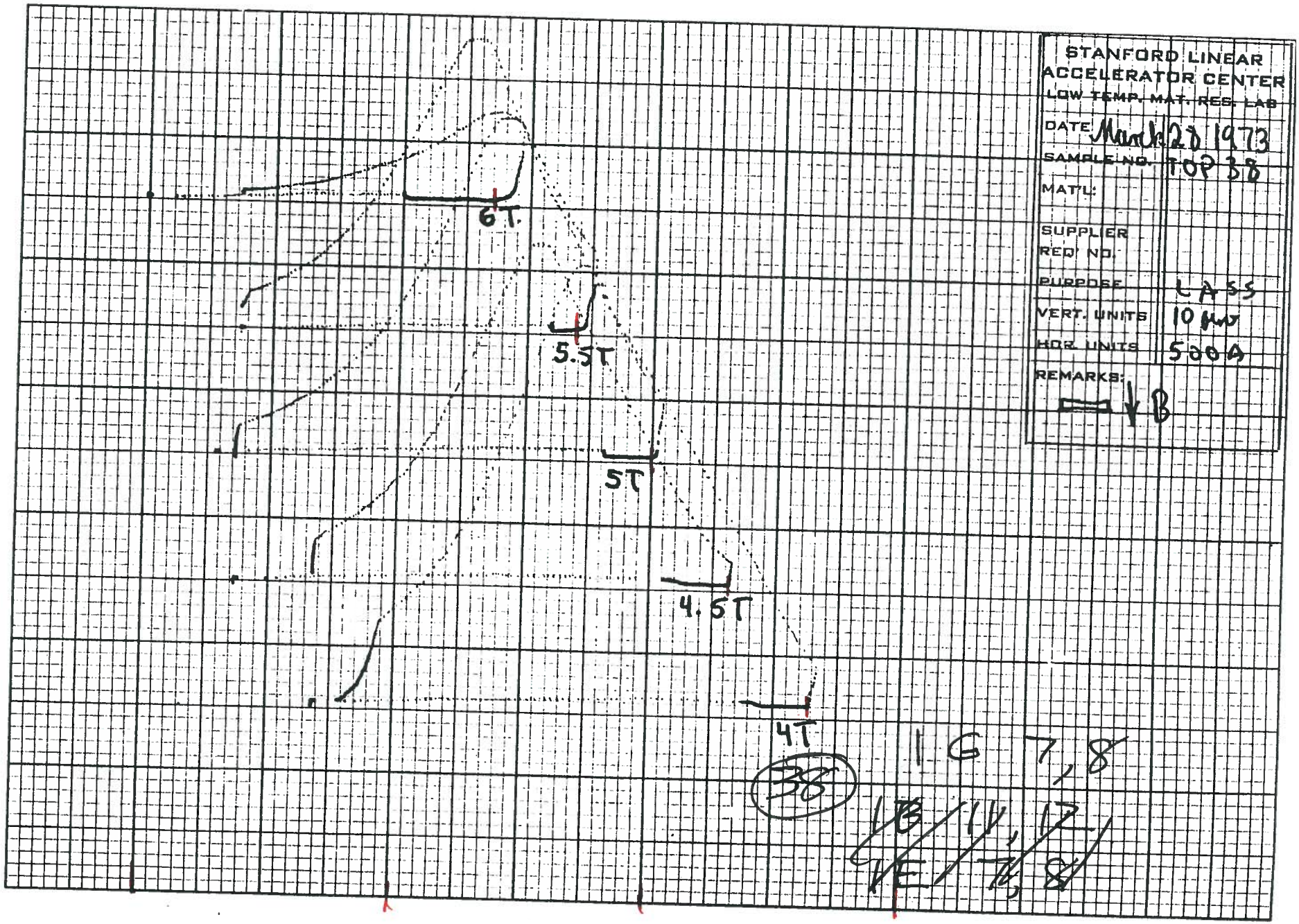
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



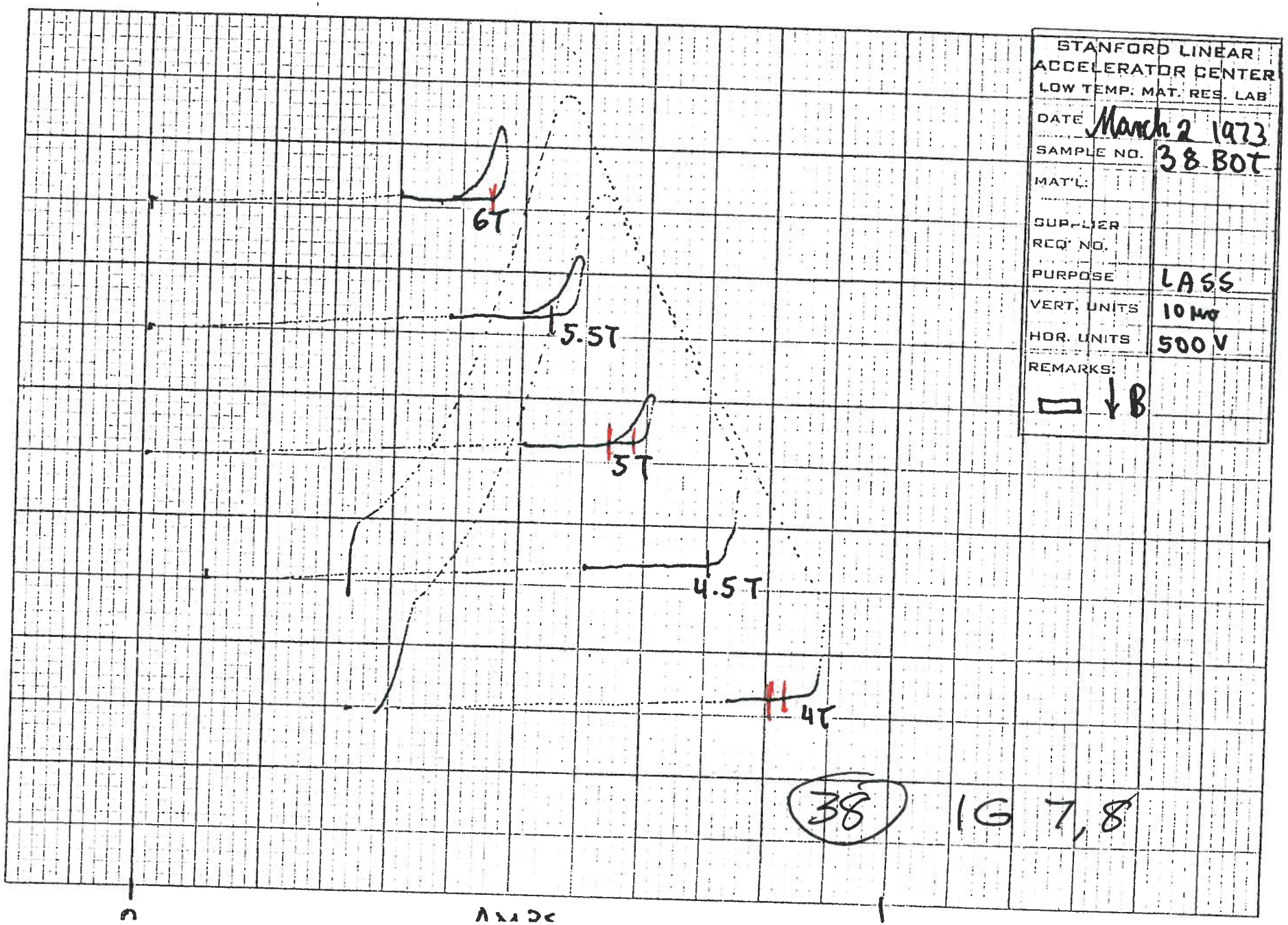
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



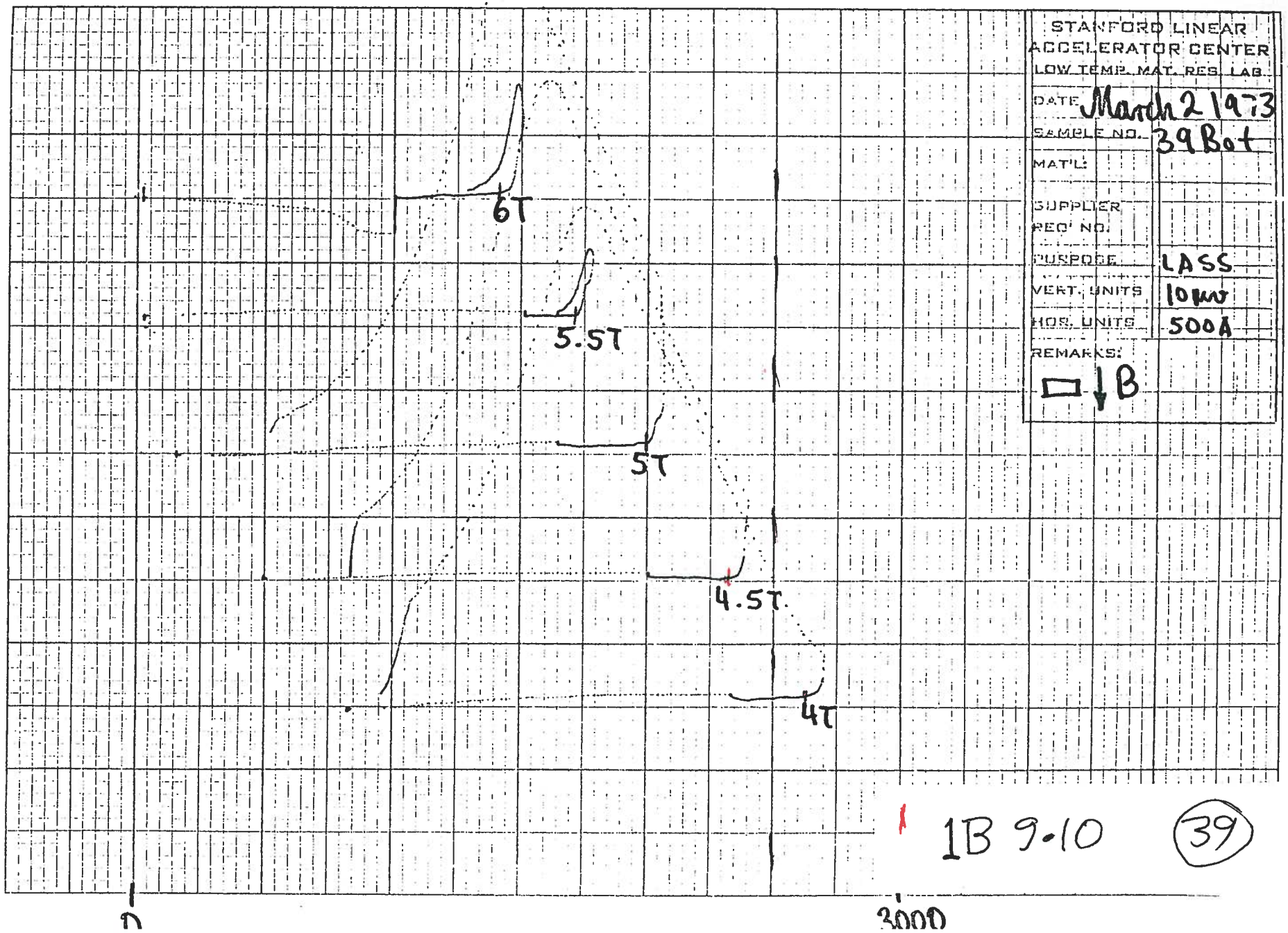
HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



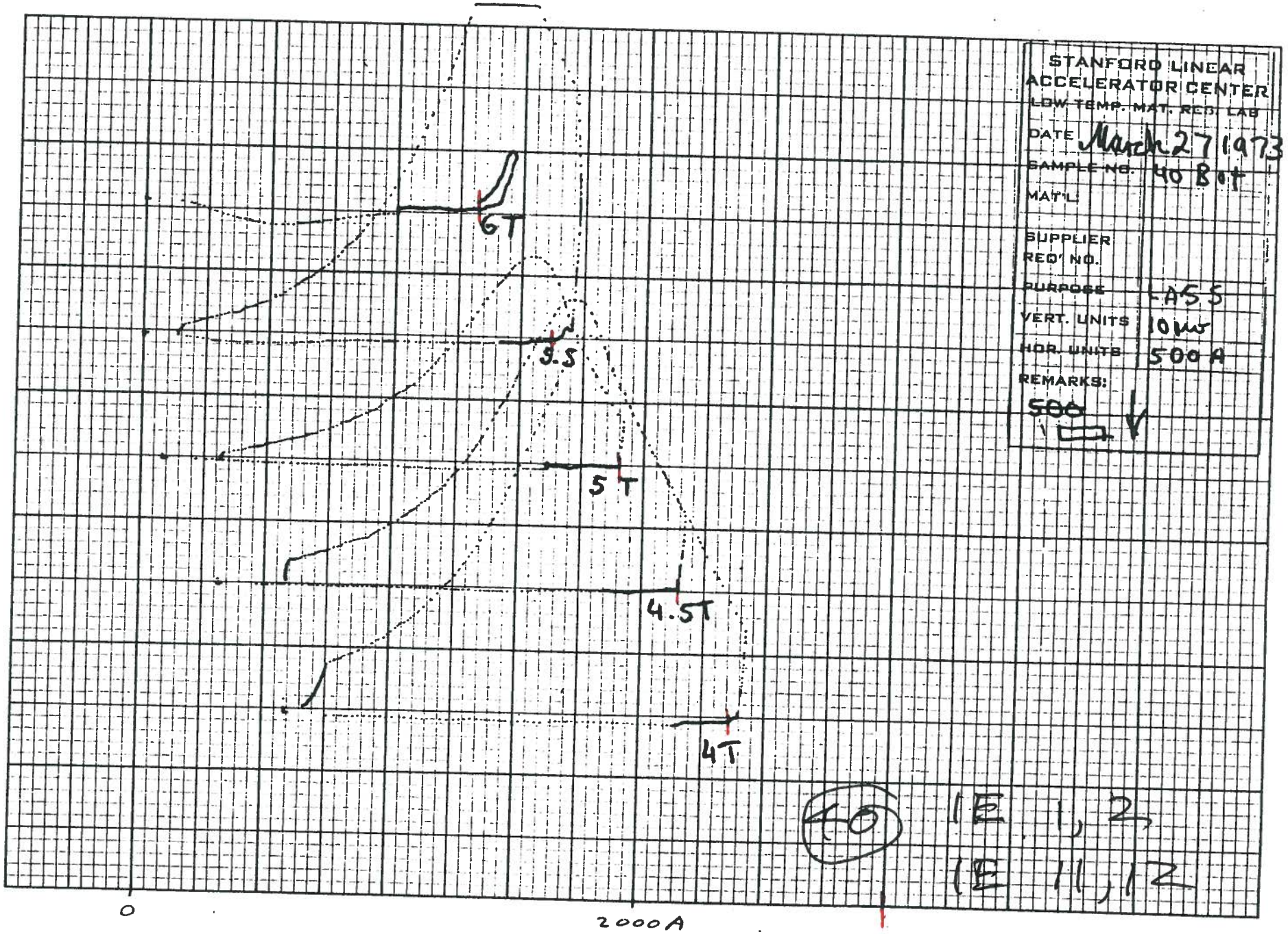
STANFORD LINEAR ACCELERATOR CENTER
LOW TEMP. MAT. RES. LAB.

DATE March 2 1973
SAMPLE NO. 39 Bot
MAT'L
SUPPLIER
REQ' NO.
PURPOSE LASS
VERT. UNITS 10 mV
HOR. UNITS 500 A
REMARKS:
□ ↓ B

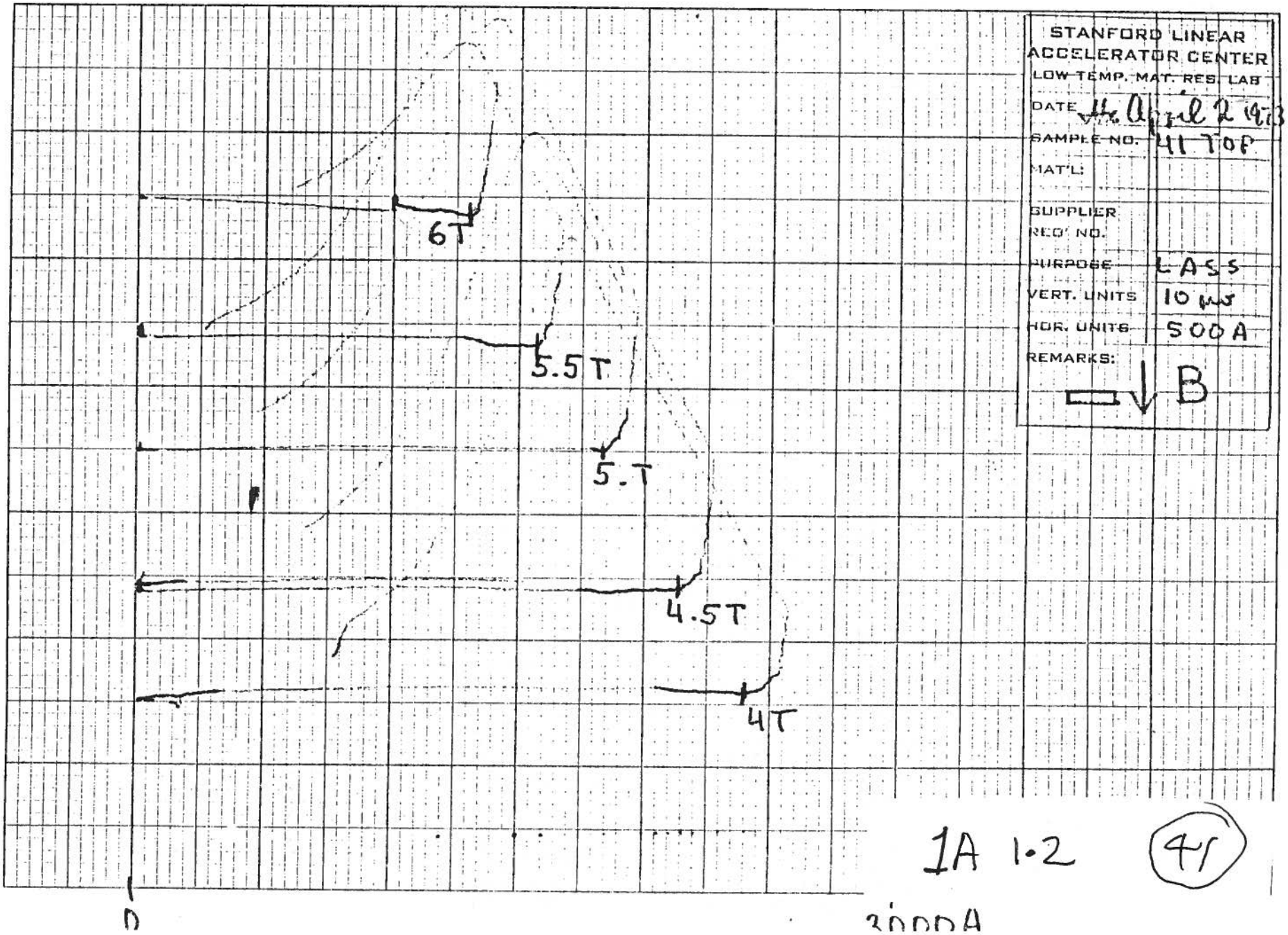
1B 9-10 (39)

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION

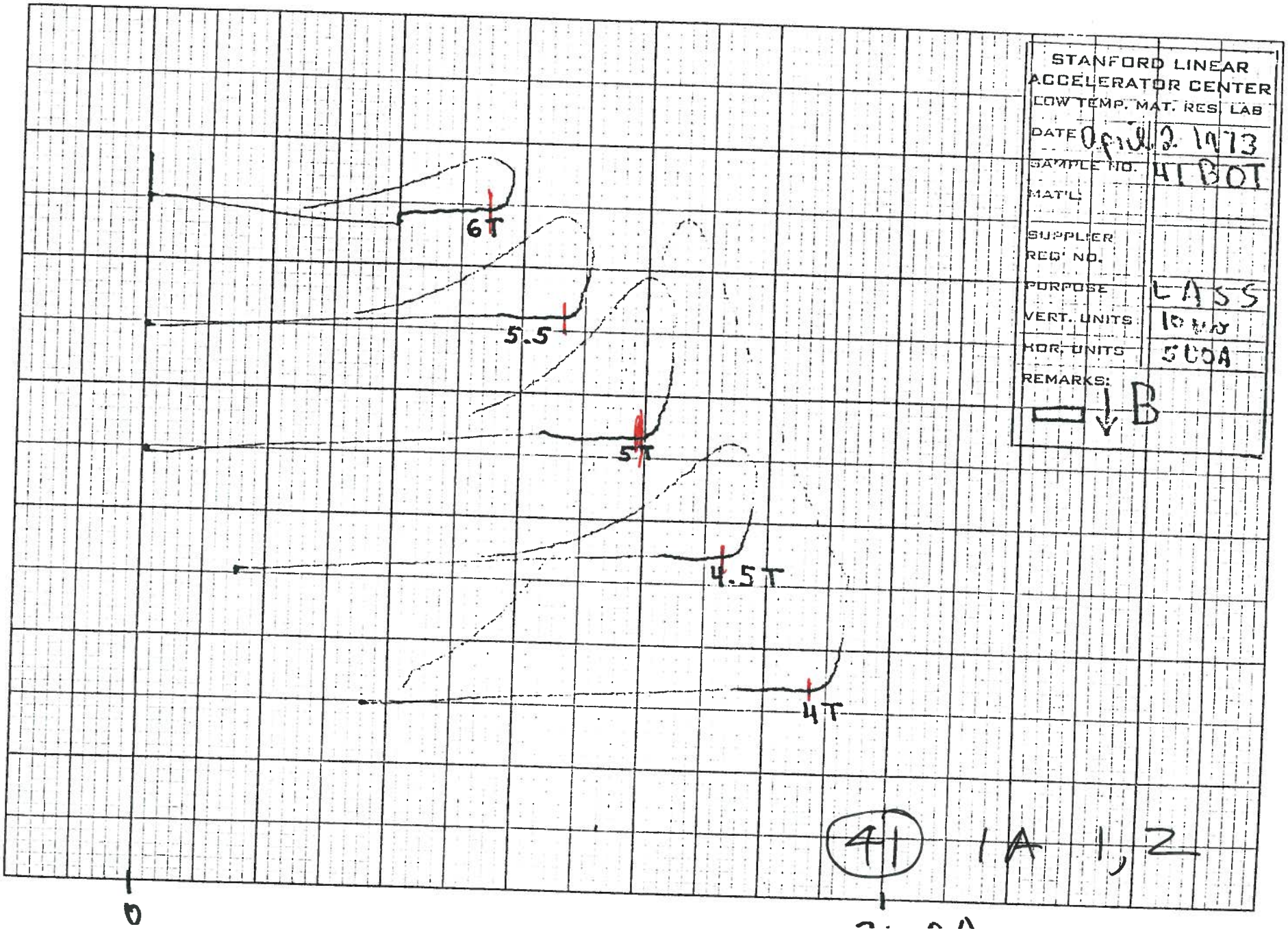


HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



1A 1.2 (41)

HEWLETT PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION



HEWLETT-PACKARD/MOSELEY DIVISION
9270-1006
FOR USE ON AUTOGRAF RECORDERS
10 UNITS/DIVISION