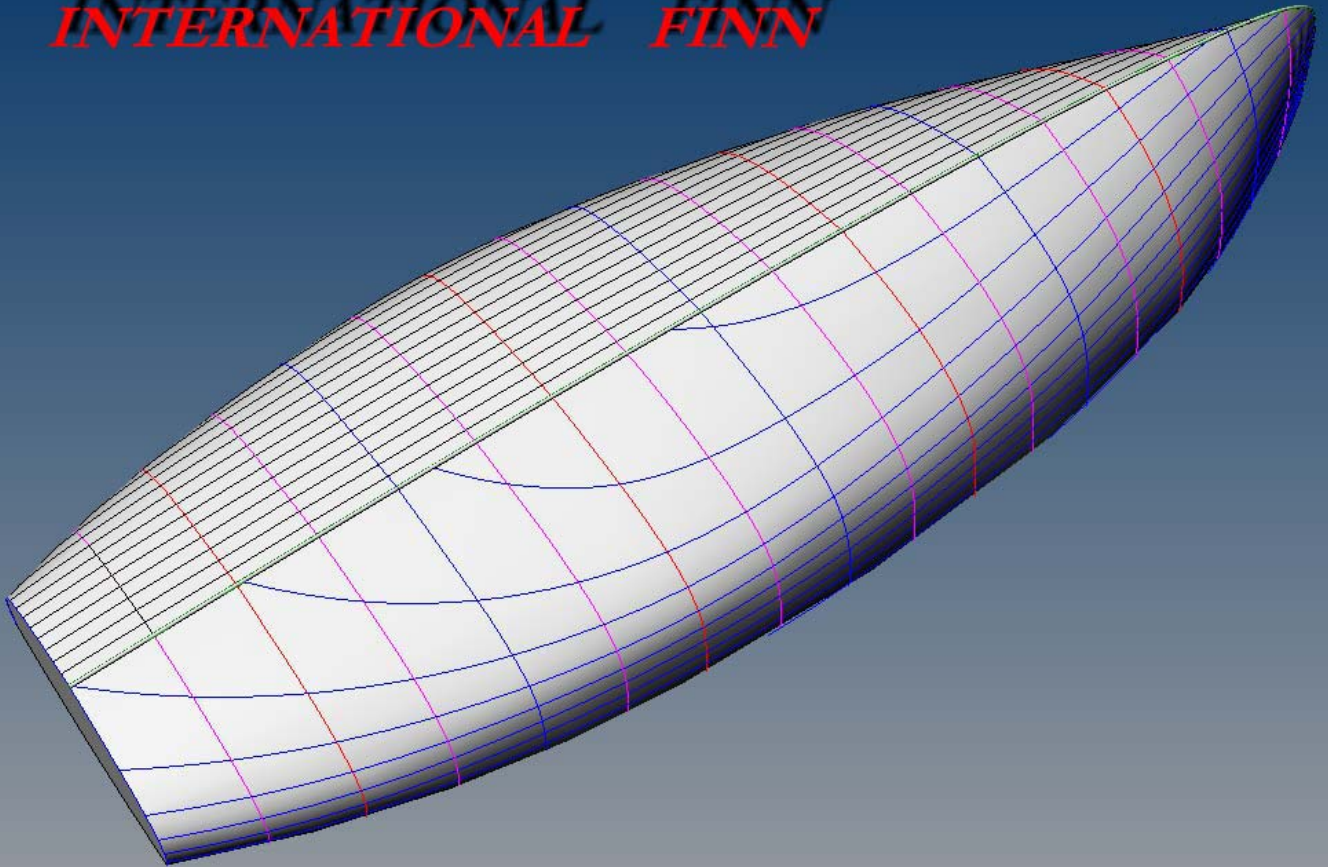


INTERNATIONAL FINN



*Detailed Body Lines
Coordinates*

Gilbert Lamboley 2008 september 25th

INTERNATIONAL FINN CLASS
 ~~~~~  
**BODY LINE COORDINATES**  
 related to the  
**MEASUREMENT FRAME of REFERENCE**

~~~~~  
STATION 0

x = 0 mm
 ~~~~~

(ST 0 coordinates have been derived from the template lines)

| n° | y       | z       | n° | y       | z       | n° | y       | z       |
|----|---------|---------|----|---------|---------|----|---------|---------|
| 1  | 0,000   | 200,407 | 32 | 332,900 | 273,434 | 63 | 450,927 | 369,657 |
| 2  | 6,000   | 201,000 | 33 | 339,296 | 276,114 | 64 | 452,131 | 372,930 |
| 3  | 10,456  | 201,479 | 34 | 346,156 | 279,080 | 65 | 453,195 | 376,207 |
| 4  | 19,946  | 202,555 | 35 | 353,965 | 282,579 | 66 | 454,185 | 379,669 |
| 5  | 28,903  | 203,656 | 36 | 361,221 | 285,983 | 67 | 455,078 | 383,224 |
| 6  | 36,848  | 204,728 | 37 | 367,891 | 289,277 | 68 | 455,899 | 386,877 |
| 7  | 45,767  | 205,995 | 38 | 374,092 | 292,508 | 69 | 456,592 | 390,443 |
| 8  | 55,039  | 207,351 | 39 | 379,895 | 295,701 | 70 | 457,215 | 394,032 |
| 9  | 64,344  | 208,760 | 40 | 384,603 | 298,406 | 71 | 457,727 | 397,543 |
| 10 | 77,876  | 210,900 | 41 | 387,959 | 300,393 | 72 | 458,166 | 401,171 |
| 11 | 94,160  | 213,582 | 42 | 391,565 | 302,595 | 73 | 458,569 | 405,502 |
| 12 | 110,898 | 216,462 | 43 | 395,368 | 305,027 | 74 | 458,859 | 409,990 |
| 13 | 127,841 | 219,511 | 44 | 398,305 | 307,015 | 75 | 459,028 | 414,500 |
| 14 | 144,230 | 222,599 | 45 | 400,603 | 308,659 | 76 | 459,081 | 419,171 |
| 15 | 157,183 | 225,135 | 46 | 403,667 | 310,966 | 77 | 459,005 | 424,215 |
| 16 | 168,870 | 227,509 | 47 | 407,546 | 314,031 | 78 | 458,784 | 429,272 |
| 17 | 182,857 | 230,460 | 48 | 411,376 | 317,243 | 79 | 458,413 | 434,216 |
| 18 | 196,810 | 233,530 | 49 | 415,118 | 320,583 | 80 | 457,898 | 439,006 |
| 19 | 208,745 | 236,261 | 50 | 418,708 | 324,229 | 81 | 457,282 | 443,429 |
| 20 | 220,209 | 238,973 | 51 | 422,665 | 328,061 | 82 | 456,608 | 447,339 |
| 21 | 232,448 | 241,983 | 52 | 426,471 | 331,769 | 83 | 455,788 | 451,361 |
| 22 | 244,028 | 244,968 | 53 | 429,680 | 335,316 | 84 | 454,791 | 455,663 |
| 23 | 254,345 | 247,762 | 54 | 432,579 | 338,748 | 85 | 453,676 | 459,984 |
| 24 | 262,637 | 250,081 | 55 | 435,211 | 342,097 | 86 | 452,468 | 464,294 |
| 25 | 271,080 | 252,504 | 56 | 437,608 | 345,382 | 87 | 451,277 | 468,275 |
| 26 | 282,176 | 255,769 | 57 | 439,761 | 348,545 | 88 | 450,301 | 471,350 |
| 27 | 292,617 | 258,969 | 58 | 441,798 | 351,725 | 89 | 449,271 | 474,372 |
| 28 | 301,954 | 261,981 | 59 | 443,960 | 355,331 | 90 | 447,601 | 479,109 |
| 29 | 310,513 | 264,898 | 60 | 446,032 | 359,058 | 91 | 444,807 | 486,236 |
| 30 | 318,474 | 267,770 | 61 | 447,872 | 362,678 |    |         |         |
| 31 | 325,947 | 270,629 | 62 | 449,502 | 366,213 |    |         |         |

n° 1 theoretical keel line

n° 2 along keel band

n° 91 at sheer

unit is millimetre

**INTERNATIONAL FINN CLASS**  
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BODY LINE COORDINATES
 related to the
MEASUREMENT FRAME of REFERENCE

STATION 1
x = 500 mm
 ~~~~~

(ST 1 coordinates have been derived from original documents)

| n° | y       | z       | n° | y       | z       | n° | y       | z       |
|----|---------|---------|----|---------|---------|----|---------|---------|
| 1  | 0,000   | 151,555 | 20 | 260,790 | 181,086 | 39 | 530,946 | 264,873 |
| 2  | 6,000   | 152,000 | 21 | 275,633 | 183,247 | 40 | 543,479 | 273,113 |
| 3  | 7,475   | 152,112 | 22 | 290,458 | 185,531 | 41 | 555,630 | 281,906 |
| 4  | 22,428  | 153,307 | 23 | 305,260 | 187,961 | 42 | 567,279 | 291,351 |
| 5  | 37,372  | 154,602 | 24 | 320,033 | 190,560 | 43 | 578,277 | 301,546 |
| 6  | 52,307  | 155,989 | 25 | 334,771 | 193,351 | 44 | 588,441 | 312,572 |
| 7  | 67,235  | 157,460 | 26 | 349,467 | 196,356 | 45 | 597,553 | 324,480 |
| 8  | 82,155  | 159,009 | 27 | 364,112 | 199,597 | 46 | 605,390 | 337,261 |
| 9  | 97,068  | 160,626 | 28 | 378,698 | 203,097 | 47 | 611,893 | 350,772 |
| 10 | 111,973 | 162,304 | 29 | 393,214 | 206,878 | 48 | 617,115 | 364,828 |
| 11 | 126,873 | 164,035 | 30 | 407,647 | 210,959 | 49 | 621,114 | 379,281 |
| 12 | 141,767 | 165,812 | 31 | 421,986 | 215,364 | 50 | 623,934 | 394,010 |
| 13 | 156,657 | 167,627 | 32 | 436,213 | 220,116 | 51 | 625,616 | 408,911 |
| 14 | 171,543 | 169,472 | 33 | 450,311 | 225,237 | 52 | 626,200 | 423,897 |
| 15 | 186,427 | 171,339 | 34 | 464,260 | 230,751 | 53 | 625,719 | 438,886 |
| 16 | 201,308 | 173,221 | 35 | 478,039 | 236,678 | 54 | 624,199 | 453,806 |
| 17 | 216,188 | 175,116 | 36 | 491,623 | 243,038 | 55 | 621,657 | 468,586 |
| 18 | 231,064 | 177,043 | 37 | 504,987 | 249,848 | 56 | 618,100 | 483,155 |
| 19 | 245,932 | 179,026 | 38 | 518,104 | 257,122 |    |         |         |

n° 1 at theoretical keel line

unit is milimetre

n° 2 along keel band

n° 56 at sheer

# INTERNATIONAL FINN CLASS

## BODY LINE COORDINATES related to the MEASUREMENT FRAME of REFERENCE

### STATION 2

x = 1 000 mm

(ST 2 coordinates have been derived from the template lines)

| n° | y       | z       | n° | y       | z       | n°  | y       | z       |
|----|---------|---------|----|---------|---------|-----|---------|---------|
| 1  | 0,000   | 108,669 | 41 | 468,709 | 163,808 | 81  | 669,246 | 275,587 |
| 2  | 6,000   | 109,000 | 42 | 476,321 | 165,752 | 82  | 672,176 | 279,662 |
| 3  | 12,104  | 109,309 | 43 | 483,898 | 167,812 | 83  | 675,071 | 283,950 |
| 4  | 24,453  | 110,103 | 44 | 491,439 | 169,999 | 84  | 677,943 | 288,477 |
| 5  | 36,133  | 110,955 | 45 | 496,799 | 171,643 | 85  | 680,227 | 292,284 |
| 6  | 49,823  | 111,994 | 46 | 502,139 | 173,362 | 86  | 682,432 | 296,146 |
| 7  | 62,126  | 112,940 | 47 | 509,896 | 175,971 | 87  | 684,922 | 300,770 |
| 8  | 74,608  | 113,898 | 48 | 517,616 | 178,681 | 88  | 687,346 | 305,588 |
| 9  | 86,945  | 114,887 | 49 | 525,289 | 181,487 | 89  | 689,710 | 310,625 |
| 10 | 99,296  | 115,894 | 50 | 532,917 | 184,401 | 90  | 691,891 | 315,606 |
| 11 | 118,082 | 117,411 | 51 | 540,493 | 187,429 | 91  | 693,946 | 320,646 |
| 12 | 133,830 | 118,696 | 52 | 548,017 | 190,579 | 92  | 695,734 | 325,379 |
| 13 | 149,559 | 120,044 | 53 | 555,475 | 193,855 | 93  | 697,531 | 330,537 |
| 14 | 171,218 | 122,037 | 54 | 560,192 | 196,011 | 94  | 699,379 | 336,294 |
| 15 | 185,361 | 123,399 | 55 | 564,897 | 198,225 | 95  | 700,711 | 340,716 |
| 16 | 199,510 | 124,788 | 56 | 570,471 | 200,914 | 96  | 701,986 | 345,165 |
| 17 | 216,822 | 126,498 | 57 | 576,016 | 203,652 | 97  | 703,611 | 351,204 |
| 18 | 234,126 | 128,225 | 58 | 581,517 | 206,439 | 98  | 705,241 | 357,804 |
| 19 | 251,415 | 129,998 | 59 | 586,969 | 209,292 | 99  | 706,587 | 363,700 |
| 20 | 268,688 | 131,849 | 60 | 592,366 | 212,222 | 100 | 707,856 | 369,628 |
| 21 | 284,043 | 133,585 | 61 | 597,701 | 215,243 | 101 | 709,425 | 377,545 |
| 22 | 299,391 | 135,426 | 62 | 602,965 | 218,480 | 102 | 710,867 | 385,603 |
| 23 | 310,299 | 136,769 | 63 | 606,727 | 220,698 | 103 | 711,582 | 389,971 |
| 24 | 321,204 | 138,118 | 64 | 610,464 | 223,097 | 104 | 712,252 | 394,347 |
| 25 | 332,097 | 139,483 | 65 | 614,975 | 226,091 | 105 | 713,272 | 401,726 |
| 26 | 342,975 | 140,887 | 66 | 619,438 | 229,147 | 106 | 714,254 | 409,897 |
| 27 | 353,836 | 142,349 | 67 | 623,840 | 232,260 | 107 | 715,228 | 419,196 |
| 28 | 364,677 | 143,887 | 68 | 628,175 | 235,444 | 108 | 715,889 | 426,292 |
| 29 | 375,497 | 145,522 | 69 | 632,433 | 238,708 | 109 | 716,465 | 433,374 |
| 30 | 386,290 | 147,272 | 70 | 636,608 | 242,066 | 110 | 716,820 | 438,613 |
| 31 | 392,691 | 148,377 | 71 | 639,759 | 244,718 | 111 | 717,101 | 443,848 |
| 32 | 399,098 | 149,530 | 72 | 642,867 | 247,439 | 112 | 717,364 | 451,034 |
| 33 | 406,893 | 150,969 | 73 | 646,320 | 250,575 | 113 | 717,500 | 458,977 |
| 34 | 414,683 | 152,423 | 74 | 649,714 | 253,765 | 114 | 717,517 | 463,787 |
| 35 | 422,461 | 153,895 | 75 | 653,032 | 257,002 | 115 | 717,499 | 468,624 |
| 36 | 430,223 | 155,397 | 76 | 656,272 | 260,299 | 116 | 717,358 | 477,952 |
| 37 | 437,968 | 156,944 | 77 | 659,419 | 263,661 | 117 | 717,214 | 483,001 |
| 38 | 445,692 | 158,547 | 78 | 662,468 | 267,101 | 118 | 716,994 | 488,762 |
| 39 | 453,390 | 160,217 | 79 | 664,396 | 269,390 |     |         |         |
| 40 | 461,064 | 161,967 | 80 | 666,278 | 271,718 |     |         |         |

n° 1 at theoretical keel line

n°2 along keel band

n°118 at sheer

**INTERNATIONAL FINN CLASS**  
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BODY LINE COORDINATES
 related to the
MEASUREMENT FRAME of REFERENCE

STATION 3
x = 1 500 mm
 ~~~~~

(ST 3 coordinates have been derived from original documents)

| n° | y       | z      | n° | y       | z       | n° | y       | z       |
|----|---------|--------|----|---------|---------|----|---------|---------|
| 1  | 0,000   | 72,523 | 24 | 322,422 | 98,591  | 47 | 649,853 | 197,024 |
| 2  | 6,000   | 72,750 | 25 | 337,287 | 100,598 | 48 | 661,958 | 205,880 |
| 3  | 8,571   | 72,842 | 26 | 352,137 | 102,718 | 49 | 673,572 | 215,370 |
| 4  | 23,559  | 73,443 | 27 | 366,968 | 104,959 | 50 | 684,600 | 225,535 |
| 5  | 38,544  | 74,118 | 28 | 381,780 | 107,328 | 51 | 694,926 | 236,410 |
| 6  | 53,525  | 74,864 | 29 | 396,570 | 109,831 | 52 | 704,419 | 248,019 |
| 7  | 68,503  | 75,680 | 30 | 411,334 | 112,476 | 53 | 712,927 | 260,367 |
| 8  | 83,477  | 76,562 | 31 | 426,073 | 115,264 | 54 | 720,296 | 273,426 |
| 9  | 98,447  | 77,508 | 32 | 440,785 | 118,191 | 55 | 726,484 | 287,086 |
| 10 | 113,413 | 78,516 | 33 | 455,467 | 121,263 | 56 | 731,620 | 301,175 |
| 11 | 128,375 | 79,583 | 34 | 470,111 | 124,509 | 57 | 735,866 | 315,560 |
| 12 | 143,333 | 80,706 | 35 | 484,707 | 127,967 | 58 | 739,384 | 330,140 |
| 13 | 158,287 | 81,883 | 36 | 499,242 | 131,670 | 59 | 742,336 | 344,846 |
| 14 | 173,237 | 83,112 | 37 | 513,703 | 135,654 | 60 | 744,874 | 359,630 |
| 15 | 188,182 | 84,389 | 38 | 528,074 | 139,951 | 61 | 747,142 | 374,457 |
| 16 | 203,124 | 85,713 | 39 | 542,338 | 144,592 | 62 | 749,204 | 389,315 |
| 17 | 218,061 | 87,084 | 40 | 556,475 | 149,606 | 63 | 751,026 | 404,203 |
| 18 | 232,993 | 88,507 | 41 | 570,463 | 155,019 | 64 | 752,569 | 419,124 |
| 19 | 247,919 | 89,992 | 42 | 584,282 | 160,851 | 65 | 753,791 | 434,073 |
| 20 | 262,839 | 91,545 | 43 | 597,908 | 167,121 | 66 | 754,654 | 449,048 |
| 21 | 277,750 | 93,174 | 44 | 611,317 | 173,844 | 67 | 755,117 | 464,040 |
| 22 | 292,652 | 94,887 | 45 | 624,474 | 181,046 | 68 | 755,144 | 479,040 |
| 23 | 307,543 | 96,690 | 46 | 637,337 | 188,760 | 69 | 754,700 | 494,033 |

n° 1 theoretical keel line

n° 2 along keel band

n° 69 at sheer

unit is millimetre

# INTERNATIONAL FINN CLASS

## BODY LINE COORDINATES related to the MEASUREMENT FRAME of REFERENCE

### STATION 4

x = 2 000 mm

(ST 4 coordinates have been derived from the template lines)

| n° | y       | z       | n° | y       | z       | n°  | y       | z       |
|----|---------|---------|----|---------|---------|-----|---------|---------|
| 1  | 0,000   | 44,527  | 40 | 510,230 | 130,905 | 79  | 693,652 | 265,964 |
| 2  | 6,000   | 45,000  | 41 | 517,375 | 133,454 | 80  | 696,331 | 270,749 |
| 3  | 29,020  | 46,882  | 42 | 524,733 | 136,169 | 81  | 699,681 | 276,967 |
| 4  | 57,421  | 49,349  | 43 | 532,049 | 138,969 | 82  | 702,898 | 283,237 |
| 5  | 78,657  | 51,298  | 44 | 539,341 | 141,882 | 83  | 705,955 | 289,512 |
| 6  | 99,907  | 53,336  | 45 | 546,537 | 144,892 | 84  | 708,875 | 295,846 |
| 7  | 116,843 | 55,004  | 46 | 549,960 | 146,380 | 85  | 711,221 | 301,257 |
| 8  | 133,868 | 56,712  | 47 | 553,734 | 148,065 | 86  | 713,852 | 307,713 |
| 9  | 150,868 | 58,477  | 48 | 559,421 | 150,657 | 87  | 716,306 | 314,060 |
| 10 | 167,841 | 60,324  | 49 | 565,068 | 153,277 | 88  | 718,680 | 320,450 |
| 11 | 183,706 | 62,150  | 50 | 570,695 | 155,951 | 89  | 721,412 | 328,129 |
| 12 | 199,749 | 64,120  | 51 | 576,282 | 158,684 | 90  | 723,887 | 335,489 |
| 13 | 216,269 | 66,258  | 52 | 581,473 | 161,310 | 91  | 725,423 | 340,297 |
| 14 | 232,774 | 68,484  | 53 | 586,984 | 164,218 | 92  | 726,910 | 345,144 |
| 15 | 249,251 | 70,810  | 54 | 592,428 | 167,226 | 93  | 729,023 | 352,407 |
| 16 | 265,587 | 73,233  | 55 | 597,218 | 170,000 | 94  | 731,008 | 359,680 |
| 17 | 281,927 | 75,788  | 56 | 601,962 | 172,881 | 95  | 732,218 | 364,395 |
| 18 | 290,580 | 77,200  | 57 | 606,817 | 175,952 | 96  | 733,458 | 369,542 |
| 19 | 299,417 | 78,685  | 58 | 612,004 | 179,359 | 97  | 735,078 | 376,785 |
| 20 | 310,744 | 80,627  | 59 | 617,121 | 182,854 | 98  | 736,560 | 384,042 |
| 21 | 321,917 | 82,573  | 60 | 622,171 | 186,448 | 99  | 737,547 | 389,326 |
| 22 | 333,207 | 84,585  | 61 | 627,138 | 190,145 | 100 | 738,387 | 394,214 |
| 23 | 344,481 | 86,659  | 62 | 631,558 | 193,584 | 101 | 739,315 | 400,368 |
| 24 | 355,743 | 88,810  | 63 | 636,328 | 197,491 | 102 | 740,245 | 407,501 |
| 25 | 366,976 | 91,051  | 64 | 640,970 | 201,471 | 103 | 740,930 | 413,351 |
| 26 | 377,992 | 93,361  | 65 | 645,527 | 205,544 | 104 | 741,586 | 419,215 |
| 27 | 389,125 | 95,824  | 66 | 649,986 | 209,709 | 105 | 742,528 | 428,325 |
| 28 | 394,990 | 97,181  | 67 | 653,946 | 213,568 | 106 | 743,245 | 436,119 |
| 29 | 401,023 | 98,620  | 68 | 658,050 | 217,775 | 107 | 743,918 | 443,932 |
| 30 | 412,155 | 101,366 | 69 | 662,056 | 222,081 | 108 | 744,872 | 455,908 |
| 31 | 422,967 | 104,127 | 70 | 665,998 | 226,522 | 109 | 745,339 | 462,407 |
| 32 | 433,996 | 107,052 | 71 | 669,836 | 231,045 | 110 | 745,755 | 468,726 |
| 33 | 444,984 | 110,085 | 72 | 673,565 | 235,654 | 111 | 746,194 | 475,936 |
| 34 | 455,943 | 113,238 | 73 | 676,768 | 239,822 | 112 | 746,541 | 482,375 |
| 35 | 466,855 | 116,513 | 74 | 679,146 | 243,055 | 113 | 746,804 | 488,821 |
| 36 | 477,355 | 119,808 | 75 | 681,481 | 246,348 | 114 | 747,004 | 497,490 |
| 37 | 488,004 | 123,301 | 76 | 684,483 | 250,797 | 115 | 747,052 | 504,532 |
| 38 | 495,399 | 125,792 | 77 | 687,440 | 255,443 | 116 | 747,000 | 511,612 |
| 39 | 502,832 | 128,329 | 78 | 690,697 | 260,842 |     |         |         |

n° 1 theoretical keel line

n° 2 along keel band

n° 116 at sheer

unit is millimetre

**INTERNATIONAL FINN CLASS**  
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BODY LINE COORDINATES
 related to the
MEASUREMENT FRAME of REFERENCE

STATION 5

x = 2 500 mm

(ST 5 coordinates have been derived from original documents)

n°	y	z	n°	y	z	n°	y	z
1	0,000	24,453	24	317,299	83,278	47	613,295	250,107
2	6,000	25,240	25	331,704	87,463	48	622,266	262,126
3	7,864	25,484	26	346,045	91,858	49	630,518	274,650
4	22,729	27,493	27	360,320	96,465	50	638,030	287,631
5	37,584	29,576	28	374,524	101,287	51	644,840	300,994
6	52,428	31,730	29	388,652	106,325	52	650,998	314,670
7	67,262	33,953	30	402,700	111,583	53	656,556	328,601
8	82,087	36,243	31	416,662	117,067	54	661,567	342,739
9	96,901	38,597	32	430,524	122,797	55	666,085	357,041
10	111,705	41,015	33	444,273	128,792	56	670,163	371,476
11	126,499	43,492	34	457,895	135,073	57	673,851	386,015
12	141,283	46,029	35	471,373	141,655	58	677,197	400,637
13	156,057	48,621	36	484,690	148,558	59	680,252	415,322
14	170,822	51,267	37	497,828	155,795	60	683,070	430,055
15	185,577	53,965	38	510,768	163,381	61	685,704	444,822
16	200,323	56,713	39	523,491	171,326	62	688,209	459,611
17	215,059	59,516	40	535,972	179,644	63	690,640	474,413
18	229,778	62,405	41	548,181	188,358	64	693,015	489,224
19	244,472	65,418	42	560,081	197,488	65	695,305	504,048
20	259,132	68,593	43	571,631	207,057	66	697,477	518,890
21	273,749	71,960	44	582,784	217,086	67	699,500	533,753
22	288,318	75,529	45	593,487	227,594			
23	302,836	79,301	46	603,679	238,597			

n° 1 at theoretical keel line

n° 2 along keel band

n° 67 at sheer

unit is millimetre

INTERNATIONAL FINN CLASS

BODY LINE COORDINATES related to the MEASUREMENT FRAME of REFERENCE

STATION 6

x = 3 000 mm

(ST 6 coordinates have been derived from the template lines)

n°	y	z	n°	y	z	n°	y	z
1	0,000	14,666	37	358,822	135,510	73	543,353	302,509
2	6,000	16,000	38	366,585	139,551	74	547,083	308,917
3	13,239	17,636	39	374,329	143,718	75	550,559	315,166
4	25,802	20,577	40	378,556	146,058	76	553,925	321,474
5	37,228	23,336	41	382,840	148,480	77	557,188	327,874
6	43,186	24,817	42	389,014	152,036	78	560,542	334,804
7	49,933	26,538	43	395,109	155,609	79	563,154	340,382
8	59,540	29,087	44	401,169	159,248	80	565,606	345,791
9	66,878	31,086	45	407,025	162,870	81	568,622	352,731
10	74,884	33,262	46	412,963	166,671	82	571,855	360,550
11	87,141	36,572	47	417,610	169,753	83	573,896	365,646
12	99,472	39,949	48	422,493	173,114	84	575,836	370,587
13	115,902	44,569	49	428,995	177,775	85	578,429	377,298
14	131,494	49,051	50	435,260	182,450	86	581,049	384,273
15	141,974	52,087	51	441,783	187,518	87	583,077	389,886
16	152,764	55,221	52	448,241	192,732	88	584,898	395,144
17	163,399	58,344	53	454,408	197,896	89	587,415	402,859
18	174,106	61,546	54	460,326	203,027	90	589,958	411,173
19	184,801	64,828	55	466,154	208,256	91	591,329	415,880
20	195,213	68,123	56	471,693	213,404	92	592,491	420,015
21	203,648	70,886	57	476,532	218,064	93	594,319	426,873
22	212,491	73,886	58	481,301	222,814	94	596,393	435,229
23	225,753	78,547	59	486,668	228,356	95	598,521	444,178
24	238,860	83,326	60	492,178	234,278	96	601,188	455,780
25	252,079	88,318	61	497,642	240,384	97	602,735	462,793
26	264,757	93,267	62	500,596	243,784	98	604,147	469,445
27	271,585	96,003	63	503,376	247,052	99	605,747	477,301
28	278,865	98,969	64	508,132	252,812	100	608,028	489,126
29	288,961	103,159	65	513,160	259,151	101	610,180	501,119
30	298,999	107,416	66	518,012	265,487	102	612,438	514,833
31	309,052	111,788	67	522,665	271,757	103	614,280	527,037
32	318,946	116,216	68	526,539	277,098	104	615,937	539,163
33	326,888	119,877	69	530,344	282,468	105	617,297	550,063
34	335,007	123,724	70	533,947	287,706	106	618,366	559,541
35	342,898	127,549	71	536,927	292,199			
36	350,893	131,499	72	539,812	296,713			

n° 1 at theoretical keel line

n° 2 along keel band

n° 106 at sheer

unit is millimetre

INTERNATIONAL FINN CLASS

BODY LINE COORDINATES related to the MEASUREMENT FRAME of REFERENCE

STATION 7

x = 3 500 mm

(ST 6 coordinates have been derived from the template lines)

n°	y	z	n°	y	z	n°	y	z
1	0,000	21,348	37	242,691	144,151	73	427,916	356,679
2	6,000	23,726	38	254,718	153,115	74	434,048	370,368
3	16,425	27,865	39	266,554	162,329	75	439,839	384,205
4	30,301	33,559	40	278,207	171,773	76	445,292	398,178
5	44,122	39,391	41	289,678	181,438	77	450,407	412,279
6	57,889	45,345	42	300,954	191,330	78	455,182	426,498
7	71,608	51,411	43	312,021	201,455	79	459,616	440,827
8	85,282	57,576	44	322,864	211,819	80	463,706	455,258
9	98,918	63,827	45	333,467	222,429	81	467,453	469,783
10	112,519	70,152	46	343,813	233,290	82	470,852	484,392
11	126,083	76,557	47	353,884	244,405	83	473,903	499,078
12	139,590	83,081	48	363,662	255,780	84	476,601	513,833
13	153,017	89,766	49	373,128	267,415	85	478,945	528,648
14	166,341	96,657	50	382,259	279,315	86	480,930	543,516
15	179,534	103,794	51	391,009	291,498	87	482,554	558,428
16	192,567	111,219	52	399,322	303,982	88	483,812	573,374
17	205,409	118,969	53	407,150	316,777	89	484,700	588,348
18	218,042	127,056	54	414,503	329,850			
19	230,468	135,457	55	421,413	343,163			

n° 1 at theoretical keel line

n° 2 along keel band

n° 89 at sheer

unit is millimetre

INTERNATIONAL FINN CLASS

BODY LINE COORDINATES related to the MEASUREMENT FRAME of REFERENCE

STATION 8

x = 4 000 mm

(ST 8 coordinates have been derived from the template lines)

n°	y	z	n°	y	z	n°	y	z
1	0,000	53,120	27	150,771	203,244	53	240,826	386,450
2	6,000	58,000	28	155,572	209,758	54	242,995	394,291
3	9,513	60,861	29	159,785	215,644	55	245,113	402,427
4	16,733	66,916	30	164,055	221,750	56	247,142	410,696
5	24,399	73,466	31	168,662	228,504	57	249,109	419,061
6	32,655	80,728	32	173,059	235,141	58	251,374	429,167
7	40,549	87,815	33	176,389	240,321	59	252,913	436,383
8	45,752	92,527	34	179,809	245,806	60	254,439	443,720
9	52,263	98,460	35	184,287	253,272	61	256,890	456,019
10	60,874	106,450	36	188,486	260,549	62	259,228	468,465
11	68,123	113,227	37	191,166	265,332	63	261,156	479,451
12	72,597	117,486	38	194,286	271,046	64	263,173	491,791
13	78,287	122,981	39	198,780	279,537	65	265,199	504,910
14	86,387	130,946	40	202,817	287,488	66	267,165	518,053
15	93,149	137,724	41	206,833	295,718	67	268,954	530,329
16	97,434	142,104	42	210,480	303,500	68	270,686	542,674
17	102,849	147,736	43	213,821	310,895	69	272,356	555,068
18	110,323	155,680	44	215,717	315,248	70	273,967	567,445
19	116,602	162,507	45	217,788	320,133	71	275,415	578,735
20	120,758	167,130	46	220,860	327,687	72	276,315	585,951
21	125,298	172,258	47	224,102	336,076	73	277,093	592,454
22	130,110	177,777	48	227,457	345,135	74	278,635	606,590
23	135,031	183,527	49	230,532	353,792	75	279,445	614,603
24	139,453	188,818	50	233,194	361,633	76	280,179	622,408
25	142,228	192,228	51	235,792	369,656			
26	145,715	196,635	52	238,579	378,725			

n° 1 theoretical keel line

n° 2 along keel band

n° 76 at sheer

unit is millimetre

INTERNATIONAL FINN CLASS
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**BODY LINE COORDINATES**  
 related to the  
**MEASUREMENT FRAME of REFERENCE**

**KEEL and STEM**

y = 6 mm (bands withdrawn)

(Stem coordinates have been derived from the template lines)

|             | n°          | X         | Z       | n°        | X         | Z       | n°        | X         | Z       |
|-------------|-------------|-----------|---------|-----------|-----------|---------|-----------|-----------|---------|
| <b>KEEL</b> | <b>ST 0</b> | 0,000     | 201,000 | 11        | 4 155,547 | 82,227  | 38        | 4 448,575 | 311,945 |
|             |             | 250,000   | 175,750 | 12        | 4 170,274 | 85,074  | 39        | 4 451,392 | 326,678 |
|             | <b>ST 1</b> | 500,000   | 152,000 | 13        | 4 184,962 | 88,116  | 40        | 4 453,945 | 341,459 |
|             |             | 750,000   | 129,740 | 14        | 4 199,622 | 91,291  | 41        | 4 456,355 | 356,264 |
|             | <b>ST 2</b> | 1 000,000 | 109,000 | 15        | 4 214,245 | 94,637  | 43        | 4 458,626 | 371,091 |
|             |             | 1 250,000 | 89,890  | 16        | 4 228,805 | 98,241  | 44        | 4 460,775 | 385,936 |
|             | <b>ST 3</b> | 1 500,000 | 72,750  | 17        | 4 243,275 | 102,192 | 45        | 4 462,812 | 400,797 |
|             |             | 1 750,000 | 57,840  | 18        | 4 257,641 | 106,506 | 46        | 4 464,759 | 415,670 |
|             | <b>ST 4</b> | 2 000,000 | 45,000  | 19        | 4 271,937 | 111,047 | 47        | 4 466,665 | 430,548 |
|             |             | 2 250,000 | 34,040  | 20        | 4 286,125 | 115,912 | 48        | 4 468,566 | 445,428 |
|             | <b>ST 5</b> | 2 500,000 | 25,240  | 21        | 4 300,153 | 121,222 | 49        | 4 470,464 | 460,307 |
|             |             | 2 750,000 | 19,020  | 22        | 4 313,951 | 127,101 | 50        | 4 472,280 | 475,197 |
|             | <b>ST 6</b> | 3 000,000 | 16,000  | 23        | 4 327,548 | 133,435 | 51        | 4 473,969 | 490,101 |
|             |             | 3 250,000 | 17,030  | 24        | 4 340,962 | 140,145 | 52        | 4 475,568 | 505,016 |
|             | <b>ST 7</b> | 3 500,000 | 23,730  | 25        | 4 353,943 | 147,654 | 53        | 4 477,100 | 519,937 |
|             |             | 3 750,000 | 37,420  | 26        | 4 366,204 | 156,287 | 54        | 4 478,570 | 534,865 |
| <b>ST 8</b> | 4 000,000   | 58,000    | 27      | 4 377,789 | 165,809   | 55      | 4 479,998 | 549,797   |         |
| <b>STEM</b> | 1           | 4 007,359 | 59,042  | 28        | 4 388,450 | 176,352 | 56        | 4 481,406 | 564,731 |
|             | 2           | 4 022,207 | 61,171  | 29        | 4 397,929 | 187,970 | 57        | 4 482,792 | 579,667 |
|             | 3           | 4 037,050 | 63,335  | 30        | 4 406,470 | 200,297 | 58        | 4 484,115 | 594,608 |
|             | 4           | 4 051,888 | 65,535  | 31        | 4 414,206 | 213,145 | 59        | 4 485,333 | 609,559 |
|             | 5           | 4 066,720 | 67,773  | 32        | 4 421,096 | 226,467 | 60        | 4 486,437 | 624,518 |
|             | 6           | 4 081,545 | 70,053  | 33        | 4 427,112 | 240,205 | 61        | 4 487,414 | 639,486 |
|             | 7           | 4 096,367 | 72,358  | 34        | 4 432,526 | 254,193 | 62        | 4 488,270 | 654,461 |
|             | 8           | 4 111,188 | 74,670  | 35        | 4 437,361 | 268,391 | 63        | 4 488,989 | 669,091 |
|             | 9           | 4 126,002 | 77,026  | 36        | 4 441,664 | 282,760 |           |           |         |
|             | 10          | 4 140,789 | 79,546  | 37        | 4 445,420 | 297,281 |           |           |         |

n° 63 at top of stem

unit is millimetre

**INTERNATIONAL FINN CLASS**  
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BODY LINE COORDINATES
 related to the
MEASUREMENT FRAME of REFERENCE
 ~~~~~  
**ahead of STEM BAND**  
 y = 0 mm  
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(Stem band coordinates have been derived from the template lines)

n°			n°			n°		
1	4 000,000	51,942	23	4 308,660	118,232	45	4 466,785	385,581
2	4 001,495	52,152	24	4 322,349	124,364	46	4 468,817	400,443
3	4 016,346	54,262	25	4 335,891	130,813	47	4 470,762	415,316
4	4 031,191	56,413	26	4 349,164	137,797	48	4 472,667	430,194
5	4 046,031	58,599	27	4 361,891	145,726	49	4 474,569	445,073
6	4 060,866	60,818	28	4 373,915	154,689	50	4 476,467	459,953
7	4 075,694	63,077	29	4 385,242	164,516	51	4 478,280	474,843
8	4 090,517	65,374	30	4 395,582	175,373	52	4 479,965	489,748
9	4 105,338	67,685	31	4 404,796	187,204	53	4 481,563	504,662
10	4 120,158	70,007	32	4 413,177	199,642	54	4 483,095	519,584
11	4 134,958	72,442	33	4 420,747	212,588	55	4 484,564	534,512
12	4 149,729	75,054	34	4 427,497	225,981	56	4 485,991	549,444
13	4 164,473	77,816	35	4 433,407	239,766	57	4 487,398	564,378
14	4 179,179	80,769	36	4 438,754	253,779	58	4 488,784	579,314
15	4 193,852	83,886	37	4 443,530	267,998	59	4 490,107	594,255
16	4 208,495	87,137	38	4 447,786	282,381	60	4 491,323	609,206
17	4 223,089	90,604	39	4 451,496	296,913	61	4 492,426	624,165
18	4 237,607	94,371	40	4 454,621	311,583	62	4 493,404	639,133
19	4 252,022	98,518	41	4 457,425	326,319	63	4 494,261	654,109
20	4 266,355	102,942	42	4 459,969	341,101	64	4 494,995	669,091
21	4 280,606	107,622	43	4 462,372	355,908			
22	4 294,727	112,680	44	4 464,639	370,735			

n° 1 at station 8

n° 64 at top of stem

unit is millimetre

INTERNATIONAL FINN CLASS

RUDDER BOARD

(local coordinates as on next page)

(Rudder coordinates have been derived from the template lines)

TRAILING EDGE						LEADING EDGE					
n°	x	z	n°	x	z	n°	x	z	n°	x	z
1	-134,300	0,000	51	-429,980	-769,530	101	0,000	0,000	151	-114,910	-774,520
2	-155,000	-42,749	52	-430,300	-775,910	102	0,000	-343,000	152	-119,900	-780,870
3	-171,740	-77,380	53	-430,450	-781,840	103	-0,064	-361,880	153	-124,820	-786,880
4	-188,430	-112,030	54	-430,450	-787,440	104	-0,138	-379,450	154	-129,700	-792,600
5	-203,100	-142,750	55	-430,300	-792,750	105	-0,300	-393,100	155	-134,740	-798,290
6	-213,040	-163,700	56	-430,090	-797,150	106	-0,534	-406,290	156	-139,880	-803,890
7	-222,940	-184,670	57	-429,830	-801,550	107	-0,830	-419,470	157	-145,610	-809,910
8	-237,390	-215,510	58	-429,350	-807,770	108	-1,222	-431,980	158	-151,430	-815,790
9	-250,000	-242,750	59	-428,770	-813,440	109	-1,700	-443,000	159	-157,330	-821,530
10	-261,790	-268,480	60	-428,080	-818,710	110	-2,151	-451,580	160	-163,320	-827,130
11	-273,500	-294,250	61	-427,300	-823,640	111	-2,655	-460,160	161	-169,400	-832,600
12	-284,840	-319,530	62	-426,400	-828,310	112	-3,463	-472,020	162	-173,610	-836,260
13	-295,100	-342,750	63	-425,400	-832,750	113	-4,340	-482,840	163	-177,870	-839,850
14	-302,410	-359,460	64	-424,330	-836,980	114	-5,300	-492,900	164	-183,680	-844,580
15	-309,650	-376,200	65	-423,160	-841,190	115	-6,444	-503,470	165	-189,560	-849,210
16	-316,700	-392,750	66	-421,680	-846,040	116	-7,711	-514,030	166	-195,510	-853,750
17	-320,200	-401,110	67	-420,140	-850,580	117	-9,073	-524,200	167	-201,530	-858,210
18	-323,660	-409,470	68	-418,540	-854,860	118	-10,499	-533,750	168	-207,600	-862,600
19	-330,460	-426,100	69	-416,860	-858,910	119	-12,000	-542,800	169	-214,650	-867,590
20	-337,200	-442,750	70	-415,100	-862,750	120	-13,505	-551,190	170	-221,760	-872,480
21	-342,060	-454,760	71	-413,660	-866,680	121	-15,103	-559,550	171	-228,960	-877,270
22	-346,910	-466,770	72	-412,170	-868,570	122	-16,979	-568,680	172	-235,750	-881,620
23	-352,490	-480,820	73	-409,880	-872,750	123	-18,875	-577,190	173	-242,220	-885,590
24	-357,100	-492,750	74	-407,580	-876,640	124	-20,811	-585,200	174	-248,460	-889,230
25	-360,700	-502,320	75	-405,240	-880,280	125	-22,800	-592,800	175	-254,500	-892,600
26	-364,240	-511,900	76	-402,870	-883,690	126	-24,050	-597,310	176	-261,170	-896,210
27	-369,790	-527,300	77	-400,460	-886,900	127	-25,343	-601,800	177	-267,860	-899,750
28	-375,200	-542,750	78	-398,200	-889,910	128	-27,891	-610,220	178	-273,770	-902,750
29	-378,660	-552,900	79	-395,500	-892,750	129	-30,570	-618,520	179	-279,030	-905,280
30	-382,060	-563,080	80	-392,740	-895,700	130	-33,384	-626,720	180	-283,890	-907,450
31	-386,880	-577,900	81	-389,910	-898,570	131	-36,325	-634,810	181	-288,460	-909,340
32	-391,600	-592,750	82	-386,930	-901,400	132	-39,400	-642,800	182	-292,820	-910,980
33	-396,120	-607,210	83	-384,110	-903,890	133	-42,226	-649,760	183	-297,000	-912,400
34	-400,270	-620,800	84	-381,370	-906,100	134	-45,173	-656,660	184	-300,610	-913,550
35	-403,680	-632,360	85	-378,700	-908,070	135	-48,440	-663,970	185	-304,220	-914,670
36	-406,600	-642,750	86	-376,070	-909,830	136	-51,825	-671,230	186	-309,620	-916,250
37	-409,500	-653,480	87	-373,470	-911,380	137	-55,320	-678,430	187	-314,320	-917,490
38	-412,320	-664,240	88	-370,900	-912,750	138	-58,914	-685,590	188	-318,580	-918,470
39	-414,890	-674,570	89	-369,050	-913,640	139	-62,600	-692,700	189	-322,540	-919,230
40	-417,090	-683,980	90	-367,190	-914,480	140	-65,197	-697,590	190	-326,280	-919,800
41	-419,000	-692,750	91	-364,330	-915,630	141	-67,839	-702,450	191	-329,830	-920,200
42	-420,830	-701,710	92	-361,410	-916,670	142	-72,502	-710,760	192	-333,240	-920,430
43	-422,570	-710,680	93	-358,410	-917,590	143	-77,274	-718,940	193	-336,500	-920,500
44	-424,180	-719,630	94	-355,370	-918,380	144	-82,145	-726,970	194		
45	-425,510	-727,840	95	-352,290	-919,040	145	-87,119	-734,880	195		
46	-426,610	-735,500	96	-349,190	-919,580	146	-92,200	-742,650	196		
47	-427,500	-742,750	97	-346,060	-919,980	147	-95,686	-747,840	197		
48	-428,150	-748,690	98	-342,900	-920,270	148	-99,217	-752,990	198		
49	-428,770	-754,630	99	-339,710	-920,440	149	-104,610	-760,650	199		
50	-429,480	-762,540	100	-336,500	-920,500	150	-109,820	-767,800	200		

