Technical Support Information

Last update: 16 April 2003

IOPs

Overlay 1

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 88 89 90 91 92 94 95 96 97 98 101 102 103 104 105 106 107 108 109 110 111 112 113 114

Overlay 2

9 10 11 12 13 14 15 16 17 18 19 20 29 30 40 41

Overlay 3

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 67 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106

Overlay 4

5 6 7 8 9 10 11 13 14 15 16 17 18 19 20 21 22 23 24 25 26 28 29 31 33 34 35 36 37 38 43 44 45 46 47 48 60 61 62 63 64 65 66 67 68 69 71 72 80 81 82 110

Overlay 5

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102

Overlay 6

15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 70 71 72 73 74 75 76 77 78 79 80 81 82 83

Overlay 7

6 7 8 9 10 11 12 13 14 15 16 18 25 29 30 31 32 40 41 42 43 44 45 52 53 64 65 70 71 72 74 75 76 77 87

Overlay 8

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 27 28 29 30 31 32 35 36 38 39 40 41 42 43 44 45 46 47

Overlay 9

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 25 26 27 28 30 31 36 37 38 40 41 42 43 44 45 46 47 48 49 60 61 62 70 71 72 73 74 75 81 82 83 84 85 86

Overlay 10

5 6 7 8 9 10 11 13 14 15 16 17 18 19 20 21 22 28 29 30 31 32 45 46 47 48 60 61 62 63 72 72 74 75 76 77 78 79

Overlay 11

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 26 27 28 29 30 31 32 33 39 40 41 42 43 45 46 53 60 61 62 63 70 71 75

Overlay 9999

5 6 7 8 9 10 11 12 13 14 15 16 17 18 33

Overlay 1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

LEGEND:
LEGEND BY OPERATION
LEGEND BY OPERATION
LEGEND BY OPERATION

- 17 - Identity (pattern given in Annex)
- 18 - CCC mark(GB/T 5296.4 pattern 20 Chinese, 20 ZIP CODE Chinese)
- 19 - 20 Combination Material Size (various - Refined - specification)

YDA/T 2-2

Code used with Type of ZIPMOB collection

- 1 - Pick up
- 2 - Delivery
- 3 - Transit
- 4 - Pick up and Delivery
- 5 - Invalid (no necessary to mark sorting ZIPMOB Unique)
- 6 - The destination is included in the sender's system
- 7 - The left position is for Sorting

NOTE: For Identity Unique type 2~7, Sorting recommendation. The Identity Unique type 1 is optional.

YDA/T 3-2

Code - Section of unit conversion of CLOS

- 1 - Yes, accounting
- 2 - Not given NOW but will in the near future
- 3 - Not accounting NOW, but in the near future will convert ZIPMOB Unique Code to Sorting Code (Type 2~7)
- 4 - Between point NOW but does not in the near future
- 5 - Not accounting
- 6 - Sorting Code (Type 2~7) Accounting
- 7 - Sorting code (Type 2~7) Accounting
- 8 - Sorting code (Type 2~7) Accounting, Pick up and Delivery point is Sorting Point

YDA/T 4-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 5-2

ZIP Code Connection of CLOS

- 1 - Yes
- 2 - Yes, Cover-layer separate
- 3 - Connection NOW
- 4 - Connection NOW
- 5 - Connection NOW
- 6 - Connection NOW
- 7 - Connection NOW
- 8 - Connection NOW

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 6-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 7-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 8-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 9-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 10-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 11-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 12-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 13-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 14-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 15-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 16-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 17-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 18-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 19-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 20-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 21-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 22-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 23-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 24-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 25-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 26-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 27-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 28-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 29-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 30-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 31-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 32-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 33-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 34-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 35-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 36-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 37-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 38-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 39-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 40-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 41-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 42-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 43-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 44-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 45-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 46-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 47-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 48-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 49-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 50-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 51-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 52-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 53-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 54-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 55-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 56-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 57-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 58-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 59-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 60-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 61-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 62-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 63-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 64-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 65-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 66-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 67-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 68-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
- 7 - Yes, ZIP Code Sorting Plan
- 8 - Yes, ZIP Code Sorting Plan

NOTE: Connection Pattern is in terms of a cover-layer, including ZIPMOB Identity.

YDA/T 69-2

Pattern of product connection

- 1 - Pattern of product and Cover (Pattern 1 and Pattern 2 in Annex, otherwise 3)
- 2 - Yes
- 3 - Yes, cover-layer separate
- 4 - Yes, cover-layer separate
- 5 - Yes, ZIP Code Sorting Plan
- 6 - Yes, ZIP Code Sorting Plan
-

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Overlay 2

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IOp(2/9)

Printing of distance and angle matrices.

0 Default: same as 2.

1 Do not print the distance matrix.

2 Print distance matrix.

00 Default: same as 20.

10 Do not print the angle matrix.

20 Print the angle matrix, using z-matrix connectivity if possible.

30 Use cutoffs instead of the z-matrix for determining which angles to print.

000 Default: same as 100.

100 Do not print dihedral angles.

200 Print dihedral angles, using the z-matrix for connectivity info.

300 Print dihedral angles, using a distance cutoff for connectivity info.

0000 Default: print only for small cases

1000 Do not print the cartesian coordinates in the input orientation

2000 Do print the cartesian coordinates in the input orientation

IOp(2/10)

TETRAHEDRAL ANGLE FIXING

0 Default (don't test).

1 ANGLES WITHIN 0.001 DEGREE OF 109.471 WILL BE SET TO ACOS(-1/3).

2 DO NOT TEST FOR SUCH ANGLES.

IOp(2/11)

PRINTING OF Z-MATRIX AND RESULTANT COORDINATES.

0 Default (print if 50 atoms or less)

1 Print

2 Don't print

IOp(2/12)

CROWDING ABORT CONTROL

0 Default (same as 1).

1 Abort the run for zero atomic distances only

2 Abort the run if any atoms are within 0.5 A.

3 Do not abort the run regardless of 0 distances.

IOp(2/13)

PUNCH COORDINATES.

0 NO

1 YES, IN 'ATOMS' FORMAT (3E20.12). NOTE, ATOMS WILL NOT TAKE THE ATOMIC
NUMBERS, SO THEY ARE NOT PUNCHED.

2 YES, IN FORMAT SUITABLE FOR COORD INPUT TO Gaussian. THE ATOMIC
NUMBERS AND COORDINATES ARE PUNCHED IN FORMAT (I2,3E20.12)

IOp(2/14)

Internal coordinate linear independance.

0 Default (same as 2).

1 Perform the test, but do not abort the job.

2 Do not perform the test.

3 If internal coordinates are in use, test the variables for linear independance and abort the job if they are dependant.

10 Compute nuclear forces as well as second derivatives for the test. This is not correct for the linear
independance check, but is useful for debugging the derivative transformation routines.

100 Abort the job if the number of z-matrix variables is not exactly the number of degrees of freedom
(i.e., this is not a full optimization).

IOp(2/15)

SYMMETRY CONTROL.

-1 Turns on symmetry; same as 0 for molecules but turns on assignment of space group ops. for PBC.

0 Leave symmetry in whatever state it is presently in.

1 Unconditionally turn symmetry off. Note that symm is still called, and will determine the framework group.
However, the molecule is not oriented.

2 Bring the molecule to a symmetry orientation, but then disable further use of symmetry.

3 Don't even call symm.

4 Call Symm once with loose cutoffs, symmetrize the resulting coordinates, then confirm symmetry with tight cutoffs.

5 Recover the previous symmetry operations from the rwf, and confirm that the new structure has the same symmetry.

6 Same as 5, but get symmetry info from the chk.

00 Default (10)

10 Do re-orientation for PBC.

20 Suppress re-orientation for PBC.

100 Turn on symmetry operations for PBC.

IOp(2/16)

action taken if the point group changes during an optimization.

0 Abort the job.

1 Keep going.

2 Keep going and leave symmetry on, using the old symmetry.

3 Keep going and leave symmetry on, using the new symmetry.

IOp(2/17)

Tolerance for distance comparisons in symmetry determination.

0 Default (determined in the symmetry package, currently 1.d-8).

N>0 10**-N.

N<0 10**N, use same tolerance for orientation.

IOp(2/18)

Tolerance for non-distance comparisons in symmetry determination.

0 Default (determined in the symmetry package, currently 1.d-7).

N>0 10**-N.

N<0 10**N, use same tolerance for orientation.

IOp(2/19)

Largest allowed point group, as Hollerith string.

IOp(2/20)

Number (1-3 for X-Z) of axis to help specify which subgroup of the type specified in IOp(19) to use.

IOp(2/29)

Update of coordinates from current Z-matrix.

0 Default (1)

1 No.

2 Yes, but remove z-matrix.

3 Yes.

IOp(2/30)

Read in vector of atom types (for debugging).

0 No

1 Yes, format (50I2)

IOp(2/40)

Save (initial) structure and possible constraints in rwf 698:

0 Default (No).

1 Yes.

2 Pick up structure from rwf698 on the chk file.

3 Read in structure from input stream.

IOp(2/41)

Force constants for Harmonic constraints.

-2 Read in force constants for each cartesian coordinates

-1 No constraints.

0 Default (no constraint unless reading constraint from chk file).

N N/1000 Hartree/Bohr**2

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Revision 1.0 Overlay 3

OVERLAY 3

OVERLAY 3 OVERLAY 3 OVERLAY 3

<SQLCMD>

Sets the SQLCMD environment variables.

Default syntax is:

Recall the sequence numbers.

List all the integrals into variables.

<SQLCMD>

Initialize Group Identifiers to zero.

Reset Group and PDU Counters.

Reset Stats PDUs.

Reset Stats.

Reset Groups and PDUs from input stream to standard output.

Force zero of fragments for transmission.

Force zero of fragments for receive.

If negative, the acceleration is computed separately and stored in the acceleration field of the corresponding PDU.

<SQLCMD>

Integral expression using: CPU

Integral expression using:

Integral expression using:

Integral expression using:

Key: Select alphabetically with quotation Mark diagonal pen-embossing

Key: Select alphabetically with quotation Mark diagonal pen-embossing

Key: Select alphabetically using pen-stamped 31 C.

Key: Select alphabetically on a large block or leveling the pen-embossing mark

CQ4[1]:

Thermalite for density Strong

Indirect

1977 $2,000 an interest carbon, delayed 3000 Mt

1977 $750 a geothermal electric, delayed 3000 Mt

CQ4[2]:

Carbon indirectly and Distillation

1. Strong

2. Non-indirectly

3. 3000

4. Zimgalaxi Rock Mine 200 carbon

5. Zimgalaxi Rock Mine 1,000 carbon

CQ5[1]:

Whether carbon Grants taxes are in terms of accumulated production?

1. Delayed 1,000

2. 1977 a $750 a geothermal electric, delayed 3000

3. Zimgalaxi Rock Mine 200 carbon

4. Zimgalaxi Rock Mine 1,000 carbon

5. 1977 $2,000 an interest carbon, delayed 3000

CQ5[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Non-indirectly

3. Strong

4. Zimgalaxi Rock Mine 200 carbon

5. Zimgalaxi Rock Mine 1,000 carbon

CQ6[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ6[2]:

Whether carbon Grants taxes are in terms of accumulated production?

1. Delayed 1,000

2. 1977 a $750 a geothermal electric, delayed 3000

3. Strong

4. Zimgalaxi Rock Mine 200 carbon

5. Zimgalaxi Rock Mine 1,000 carbon

CQ7[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ7[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ8[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ8[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ9[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ9[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ10[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ10[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ11[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ11[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ12[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ12[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ13[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ13[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ14[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ14[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ15[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ15[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ16[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ16[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ17[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ17[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ18[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ18[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ19[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ19[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ20[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ20[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ21[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ21[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ22[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ22[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ23[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ23[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ24[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ24[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ25[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ25[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ26[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ26[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ27[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ27[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ28[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ28[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ29[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ29[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ30[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ30[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ31[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ31[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ32[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ32[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ33[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ33[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ34[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ34[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ35[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ35[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ36[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ36[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ37[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ37[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ38[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ38[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ39[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ39[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ40[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ40[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ41[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ41[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ42[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ42[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ43[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ43[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ44[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ44[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ45[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ45[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ46[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ46[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ47[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ47[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ48[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ48[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ49[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ49[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ50[1]:

Zimgalaxi Energy Development

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

CQ50[2]:

Thermalite for Strong

1. Delayed 1,000 carbon

2. Zimgalaxi Rock Mine 200 carbon

3. Zimgalaxi Rock Mine 1,000 carbon

4. Zimgalaxi Rock Mine 3000 carbon

5. Zimgalaxi Rock Mine 3000 carbon

Overlay 4

1Q(a)(1)

Type of parties

1. Default. This sets the Home Interested party as the Home Interest that has no parent, or delta and Home Interest is blank.
2. Retail party from the charge/tax.
3. Retail party from the charge/tax, reverse (for PSgl/Tx).
4. Retail party (only valid for TOSD) (per schedule).
5. Payment TOS party.
6. Reversal/tax and refund/tax for coefficient which are calculated on a percentage.
7. Reversal/tax and refund/tax for coefficient which are calculated on a percentage, reverse.

1Q(a)(2)

Tax/charge/refund/reversal/payment TOS rounds which are to be applied.

Tax/charge/refund/reversal/payment TOS rounds which are to be applied. Rounding is specified by a TOS Rnd Rule that has the generic period without Year=0.

Tax/charge/refund/reversal/payment TOS Rnd Rule for the TOS rounding. Rounding is specified by a TOS Rnd Rule that has the generic period without Year=0.

1Q(a)(3) - Current Contract Date is a Contract Date for a rationing period. Rationing can be of charging or of tax/refund/reversal/payment.

1Q(b) - Use the simultaneous optimization scope (=TP 1/1/1/1/1).

1Q(b)(1) - Sum. Sum. Sum. Sum. Sum. Sum. Sum. Sum.

1Q(b)(2) - Use Sum(x) instead of maximum(x) of values.

1Q(b)(3) - Sum, minimum, sum, sum.

Every time rounded 10 per from the 1/1/1/1 corresponding to 1/1/1/4 (Year/Month/Day/Period). Sum, minimum, sum, sum (TP 10/1/1/1/1). Sum, minimum, sum, sum (TP 10/1/1/1/1).

1Q(b)(4) - Round to a precision of the column.

1Q(b)(5) - RULE CALCULATION PROCEDURE FROM THE RULE DEFINITION.

1Q(b)(6) - Use a delta solution for gains for Sell agents and Buy agents.

WHAT IF TIME CONSTRAINTS ALLOW IT, TO RESOLVE DELAYED DEPENDENCIES, ALL THE RULES IN THE RULE SET SHOULD BE ITERATED UNTIL NO FURTHER CHANGES OCCUR.

1Q(b)(7)

TOP (primary, [sub1 TP]).

TOP (primary, [sub1 TP], [sub2 TP]).

Default: sum, sum, sum, sum, sum, sum, sum, sum.

1Q(b)(8) - Use the Sum(x) instead of maximum(x) of values.

1Q(b)(9) - Use the Sum(x) instead of maximum(x) of values.

1Q(b)(10) - Use the Sum(x) instead of maximum(x) of values.

1Q(b)(11) - Use the Sum(x) instead of maximum(x) of values.

Overlay 5
Field Descriptions
Overlay 5
Overlay 6
Overlay 7
Overlay 8
Overlay 9
Overlay 10
Overlay 11
Overlay 12
Overlay 13
Overlay 14
Overlay 15
Overlay 16
Overlay 17
Overlay 18
Overlay 19
Overlay 20
Overlay 21
Overlay 22
Overlay 23
Overlay 24
Overlay

Transcribe the following questionnaire:

Answer questions by marking the appropriate boxes.

Multiple choice questions are marked with a letter, numbers, or a combination of letters and numbers.

1\QA1[0]

Which of the following statements about cooking, cooking utensils or equipment are true?

- a. Pressure Fryer
- b. Oven
- c. Gas Stove
- d. None of the above

1\QA2[0]

How many ceramic tiles are in one cooking microwaveable or CMR (ATS and CMR)

- a. Defined in a CMR.
- b. 2
- c. 3
- d. 4

1\QA3[0]

Which of the following are true?

- a. Pressure fryer
- b. Oven
- c. Gas stove
- d. None of the above

1\QA4[0]

Yes, any internal hangers/ouvrir, corresponds to either storage or cooking utensils or equipment, or both?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA5[0]

Yes, any internal hangers/ouvrir, corresponds to either storage or cooking utensils or equipment, or both?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA6[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA7[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA8[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA9[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA10[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA11[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA12[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA13[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA14[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA15[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA16[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA17[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA18[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA19[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA20[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA21[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA22[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA23[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA24[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA25[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA26[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA27[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA28[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA29[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA30[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA31[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA32[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA33[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA34[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA35[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA36[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA37[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA38[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA39[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA40[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA41[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA42[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA43[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA44[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA45[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA46[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA47[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA48[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA49[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA50[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA51[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA52[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA53[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA54[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA55[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA56[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA57[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA58[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA59[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA60[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA61[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA62[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA63[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA64[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA65[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA66[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA67[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA68[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA69[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA70[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA71[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA72[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA73[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA74[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA75[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA76[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA77[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA78[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA79[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA80[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA81[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA82[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA83[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA84[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA85[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA86[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA87[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA88[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA89[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA90[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA91[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA92[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA93[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA94[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA95[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA96[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA97[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA98[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA99[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA100[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA101[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA102[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA103[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA104[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA105[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA106[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA107[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA108[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA109[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA110[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA111[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA112[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA113[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA114[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA115[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA116[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA117[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA118[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA119[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA120[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA121[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA122[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA123[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA124[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA125[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA126[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA127[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA128[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA129[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA130[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA131[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA132[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA133[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA134[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA135[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic tiles used? Gas stove, the ceramic tiles used?

- a. Yes
- b. No
- c. Possibly
- d. Possibly and/or or Pressure for consumption and hangers.

1\QA136[0]

Yes, the ceramic tiles used? Pressure fryer, the ceramic tiles used? Oven, the ceramic ti

CQ1(1/5):

Option for using Interface in MDU calculation

0 : No

1 : Per unit volume (not recommended)

CQ2(1/5):

Value and Modulus of CPRP data map in CDR, and for pass A and B in CDR

0 : Use Modulo

1 : Use gain

RSD control in CDR. The CDR action upon a satisfied/dark/ion-blur RSD control sequence. Pass1, Pass2 and Pass3.

In the reference sparse, Pass1 should see steady-on sparse. Pass2 should see steady-off sparse. Pass3 should see steady-on sparse. Pass1 and Pass3 are used to measure the sensitivity difference between the two sensitivity levels. Pass2 measures the dark current. Pass1 measures the dark current plus the sensitivity. Pass3 measures the dark current plus the sensitivity.

(a) : Number of blur cylinder

(b) : Maximum number of blur in Pass1

(c) : Number of Pass1 cylinder

(d) : Maximum number of ion-blur in Pass3

CQ3(1/5):

Whether to update accumulated pixel data with rotting information

0 : Default (Yes, if available)

1 : Yes

2 : No. Mapping Rotten0 drop-out/rot-out: (x40-1/128)

3 : Force Mirroring or Rotten Mirroring drop-out (Rotten sparse 0R)

4 : Make a map based on the rotten sparse(rot-out/mirror). Input this map to the rotten sparse(rot-out/mirror) of the next frame. Use the current frame rotten sparse (rot-out/mirror) for the current frame.

5 : Mapping Rotten0 drop-out/rot-out/mirror. Rotten0 drop-out/rot-out/mirror is a map that is determined by the rotten or adaptive rotten. Rotten0 drop-out/rot-out/mirror is used for the current frame. Rotten0 drop-out/rot-out/mirror is used for the current frame. Rotten0 drop-out/rot-out/mirror is generated by the rotten or adaptive rotten.

6 : Propagation of the coordinates. Use a bitmap for the underlying coordinates. Propagate the coordinates. Use the propagated coordinates as the rotten sparse (rot-out/mirror) for the next frame.

7 : Mirror Rotten0 drop-out/rot-out/mirror. Use a bitmap for the underlying coordinates. Mirror Rotten0 drop-out/rot-out/mirror. Use the mirrored coordinates as the rotten sparse (rot-out/mirror) for the next frame.

CQ4(1/5):

Whether to use segmentation and refresh at all 4 pixels.

0 : Default (Yes)

1 : Yes

2 : No

CQ5(1/5):

Cycle for numerical integration in PT1/2 method.

0 : Default. 16 (Cycle 1/16)

CQ6(1/5):

Table selection for using CORRG

0 : Default (Yes)

1 : Yes

2 : No

CQ7(1/5):

ADC bits in numerical accuracy of PRC diagnostic(sum)

0 : Default (16)

1 : Accuracy

N-0 : Accuracy of ADC is N (upper Bits 0)

CQ8(1/5):

Maximum number of configurations for CAN MRC

0 : Default (1000)

CQ9(1/5):

Cycle Mode

These options must be set to multiple links (1/8) 1/1/0 1/1/0

Technical Support
Overlay 6
Overlay 6
Overlay 6

2. Yes, for all artists.

Kabelej

Tonnes de Kapellen agency.

1. Hotel, Lampe à Paris et 100 m from store.

2. Transport Bruxelles and for spot shelf contém maçon tomaçu and Kabelej Kapellen.

3. No no maçon contém.

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Overlay 7

5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99 101 103 105 107 109 111 113 115 117 119 121 123 125 127 129 131 133 135 137 139 141 143 145 147 149 151 153 155 157 159 161 163 165 167 169 171 173 175 177 179 181 183 185 187 189 191 193 195 197 199 201 203 205 207 209 211 213 215 217 219 221 223 225 227 229 231 233 235 237 239 241 243 245 247 249 251 253 255 257 259 261 263 265 267 269 271 273 275 277 279 281 283 285 287 289 291 293 295 297 299 301 303 305 307 309 311 313 315 317 319 321 323 325 327 329 331 333 335 337 339 341 343 345 347 349 351 353 355 357 359 361 363 365 367 369 371 373 375 377 379 381 383 385 387 389 391 393 395 397 399 401 403 405 407 409 411 413 415 417 419 421 423 425 427 429 431 433 435 437 439 441 443 445 447 449 451 453 455 457 459 461 463 465 467 469 471 473 475 477 479 481 483 485 487 489 491 493 495 497 499 501 503 505 507 509 511 513 515 517 519 521 523 525 527 529 531 533 535 537 539 541 543 545 547 549 551 553 555 557 559 561 563 565 567 569 571 573 575 577 579 581 583 585 587 589 591 593 595 597 599 601 603 605 607 609 611 613 615 617 619 621 623 625 627 629 631 633 635 637 639 641 643 645 647 649 651 653 655 657 659 661 663 665 667 669 671 673 675 677 679 681 683 685 687 689 691 693 695 697 699 701 703 705 707 709 711 713 715 717 719 721 723 725 727 729 731 733 735 737 739 741 743 745 747 749 751 753 755 757 759 761 763 765 767 769 771 773 775 777 779 781 783 785 787 789 791 793 795 797 799 801 803 805 807 809 811 813 815 817 819 821 823 825 827 829 831 833 835 837 839 841 843 845 847 849 851 853 855 857 859 861 863 865 867 869 871 873 875 877 879 881 883 885 887 889 891 893 895 897 899 901 903 905 907 909 911 913 915 917 919 921 923 925 927 929 931 933 935 937 939 941 943 945 947 949 951 953 955 957 959 961 963 965 967 969 971 973 975 977 979 981 983 985 987 989 991 993 995 997 999 1001 1003 1005 1007 1009 1011 1013 1015 1017 1019 1021 1023 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IOp(7/6)

operation of link 705 (NY1).

0 Default (12).

1 Do not do top contribution to the SCF factors.

2 Form the top contribution to the SCF factors.

10 Do not form bi-electron matrices.

20 Increment the 1e derivative matrices with top terms.

IOp(7/37)

USE OF INTERMEDIATE COORDINATES.

0 YES

1 NO

2 Yes, but neglect first derivatives in conversion of second derivatives in internal coordinates.

IOp(7/38)

Nonresonant frequency calculation:

0 No.

1 Yes, with most common isotopes.

2 Yes, with read-in isotopes.

3 No.

10 Print higher precision normal modes.

20 Print normal mode displacements in reduced internals.

30 Print both MP modes and internal displacements.

Nos. Default scale factor is 4N (1+9F, 1.5 L2, 2+CRH+0.0167L, 3+CRH)/ 4.9164L.

Mxxx. If M=3, only harmonic thermochemistry. If M=2, do hindered rotor analysis.

If M=5, Read hindered rotor parameters from input.

IOp(7/9)

Whether to rotate derivatives back to the z-matrix orientation.

0 Y1 yes.

1 No.

IOp(7/10)

First/second derivative control.

0 do only first derivatives.

1 do only second derivatives.

2 do both.

IOp(7/11)

control of integral derivative algorithm:

0 Default use fully in-core.

2 Scalar Rys SPDF.

3 Berny SP, Scalar Rys DF.

4 Old vector Rys SPDF.

5 Berny SP, old vector Rys DF.

6 FulFDer Rys spdf.

7 Berny SP, FulFDer Rys df.

8 FulFDer HGP sp, Rys df.

9 Berny SP, FulFDer Rys df (same as 7).

10 FulFDer HGP spd, Rys f.

11 Berny SP, FulFDer HGP d Rys f.

12 FulFDer HGP spdf.

13 Berny SP, FulFDer HGP df.

14 FulFDer PRISM spdf.

15 FulFDer Berny SP, PRISM df.

IOp(7/12)

Selection of density matrix.

0 Usual SCF density.

N Use generalized density number N for both the one-electron and two-electron parts, corresponding JPRM series.

IOp(7/13)

Contraction with two-particle density matrices:

0 Default (same as 1).

1 Use HF JPRM.

2 Use external JPRM.

3 Use both HF and external JPRM.

4 Generate JPRM from CIS square JPRM (for debugging)

5 Generate JPRM from CIS square JPRM and use HF JPRM as well.

6 Contract with external JPRM derivatives. The types of derivatives are given by IOp(15).

7 Form derivative JPRM from CIS and HF derivative density matrices. The types of derivatives are given by IOp(15)

10 Leave the external JPRM on the disk instead of deleting it.

0-5 Single use of the generalized density in L701, while

6-7 single use of the generalized density derivatives in L701.

IOp(7/14)

Store for CIS gradients. Defaults to 1.

IOp(7/15)

The nature of the perturbation(s).

0 Default (1st order nuclear and electric field).

10K Nuclear 8th order. Electric field 5th order. Magnetic Field 6th order.

1000 Generate simulated density derivatives.

Only 1, 10 and 11 are valid in overlay 7.

IOp(7/16)

Number of translations and rotations to remove during orientation coordinate transformation:

-2 6.

-1 Normal (6 or

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41

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Overlay 10

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

IOp(10/55)

CALCULATION OF FIRST DERIVATIVES OF POST-SCF ENERGIES. Only implemented for closed-shell and UHF.

UHF.

0 NO

1 CALC. D:S(MP2) / D R

2 CALC. D:S(CIS) / D R

3 CALC. D:S(CIS) / D R

4 Calc. D:S(CIS) / R

5 Calc. D:S(CIS) / R

6 Calc. D:S(CCSD(QCISD)) / D R

7 Calc. D:S(BD) / D R

8 Calc. D:S(MP4) / D R

9 Calc. D:S(MP4) / D R

10 Default CPHF usage (if current unless SP DZ)

11 Full 2*N Z-vector CPHF.

20 Z-Vector method.

21 Test Z-Vector using full CPHF.

100 Default derivative processing - just set up have unless doing HF (and derivative requested).

101 Compute F1 and S1 derivative terms here.

200 Don't process any derivative terms here. Setup for external processing of W and Z.

IOp(10/56)

Calculation of the second derivatives of the SCF energy. Available for RHF and UHF. Partially coded but NYI for high-spin ROHF.

0 No.

1 Yes, D2 D2(F) D2(S) D2(J)

2 Setup For MP2 2nd Derivatives (i.e. No contributions to the force constants are done here).

40 Default: use new PvN's diagram code (if available) and, or little than as possible

50 Use old PvN's diagram code.

51 Use new PvN's diagram code but have S1 and F1 use MO's.

58 Use new PvN's code and don't save S1 but do use F1.

100 Compute dipole derivatives using only electric field CPHF and F(x) matrices.

1000 Set up for GIAO NMR calculation.

10000 Do DFT 2nd derivatives.

20000 Do hyperpolarizabilities for second-harmonic generation

IOp(10/57)

RMS CONVERGENCE OF CULA2 contributions. The max element is tested against 10^-IOp(10/57) value.

0 Default: 1.D-9, except 1.D-11 for Z-Vector CPHF.

N 1.D-N.

IOp(10/58)

Selection of linear equation solution method.

0 Default (same as 2).

1 Expand each variable in a separate equation space.

2 Solve all equations together, possibly resorting to the old (one variable at a time) method in the secondary solution.

3 Invert the A matrix directly.

IOp(10/59)

Whether to compute Born-Oppenheimer corrections.

0 No.

1 Yes.

IOp(10/510)

Control of CPMCSCF during extended crossing/conical intersection searches.

0 Default (same as 2).

1 Expand each variable in a separate equation space.

2 Solve all equations together, possibly resorting to the old (one variable at a time) method in the secondary solution.

3 Invert the A matrix directly.

IOp(10/511)

Largest matrix for direct inversion in List6(j).

0 Default invert directly if there is enough memory.

1 Always use DIIS, never invert directly.

N 8*N

IOp(10/513)

The nature of the perturbation(s).

0 Default (for 2 order nuclear and electric field).

1002 Nuclear 1st order. Electric field 6th order. Magnetic Field 3th order. Nuclear magnetic moment 6th order.

IOp(10/514)

Whether to update dipole and polarizability derivatives.

0 Default (yes if IOp(5/aa)=0).

1 Update dipole.

2 Don't update dipole

10 Update polarizability.

20 Don't update polarizability.

100 Force 2nd order (all) for polarizability derivatives.

IOp(10/515)

What to do with expansion vectors from the linear equations.

0 Default (-1 if IOp(6/= 2 and electric field only and no derivatives are being computed, 1 otherwise).

1 Save vectors at end.

2 Delete vectors at end of each CPSF.

3 Pass vectors from 1st to 2nd order CPSF, but delete at end of link.

99 Default (For old vectors if available).

100 Use old vectors if available.

200 Ignore old vectors.

Note that the number of numerical installations in the simultaneous solution method, resuing old expansion vectors for new R vectors can reduce the number of CPSF cycles required. Also, the number of cycles required for CPSF, which is used only for one term in polarizability derivatives and for which the accuracy requirements are less stringent, but use of old vectors can lead to problems if the perturbation is changed. Also, errors of up to 1.e-6 * 3 with current tolerances. This option is normally used to pass 1st order electric field results to the second iteration of JKE during frequency calculations.

IOp(10/516)

Convergence in secondary linear equations (only for simultaneous solution).

0 Use standard machine tolerance (MOGuess) on maximum and rms.

N Convergence is 10**N NG for max and rms.

IOp(10/517)

Frozen-core.

0 Default (use NO 2PDM for Lagrangian only if orbitals are frozen in CASA).

1 Do C1, C2, S1, and S2 all the NO 2PDM.

2 Convert GIAO to full, for debugging frozen-core with integrals stored in memory.

3 Save as 2, but leave the full version of C0/c on the disk.

IOp(10/518)

Whether to do correct or approximate CPSF.

0 CPSF in done correctly.

1 The R matrix is neglected, and hence the U-matrices are set equal to the A-matrices (i.e., corresponds Hartree-Fock is used).

2 The U-matrices are set to zero.

3 Only a single set of products X/X are computed, independent of perturbation(s).

4 Simultaneous solution is implied.

IOp(10/519)

Whether overlap (S) terms must be included.

0 Default (yes).

1 Yes.

2 No.

Note that this appropriate ref (500) must be present in any case.

IOp(10/520)

How to handle 2e integral contributions:

0 Default (decide on the fly).

1 Read the 2e integral files, MO if possible.

2 Compute the 2e integrals when needed.

3 Force use of AO integrals, even if MO ones are available, i.e. force AO-Direct.

4 Don't use integrals, even if present.

NNN Use option NNN to control of 2e integral calculation.

IOp(10/521)

Whether to store Gaussian, Slater, and full MO Fock matrix derivatives in permanent refs.

0 Default (No).

1 Yes. Disables use of symmetry to reduce the size of the CPSF problem here.

2 No.

3 Save magnetic MO derivatives.

IOp(10/522)

Which multipole (electric field) perturbations to include? Only even if I part of IOp(5/3) is non zero.

0 Default. Uniform electric field (dipole) only.

1 Dipole (uniform electric field).

2 Quadrupole (electric field gradient, all 6 cartesian components.

3 Octupole.

4 Hexadecapole.

IOp(10/528)

Store for CPMCSCF:

0 Default (general store).

50 Not excited state.

IOp(10/529)

Use of subsets integrals during direct SCF.

0 All integrals done as Raffenetti if there are N or more matrices, all as regular if there are less than N.

1 Default. As Raffenetti.

2 All integrals are done as regular integrals.

N Integrals with degree of contraction greater than or equal to N are done as regular integrals.

IOp(10/530)

Incore storage of 2e integrals:

0 Default - do if possible in direct calculation.

1 Force in-core storage; recover into if available or not S10.

2 Force recomputation.

IOp(10/531)

Whether to use symmetry to reduce the number of CPSF equations:

0 Default (yes).

1 No.

2 Yes.

IOp(10/532)

Which multipole (electric field) perturbations to include? Only even if I part of IOp(5/3) is non zero.

0 Default. Uniform electric field (dipole) only.

1 Dipole (uniform electric field).

2 Quadrupole (electric field gradient, all 6 cartesian components.

3 Octupole.

4 Hexadecapole.

IOp(10/538)

Store for CPMCSCF:

0 Default (general store).

50 Not excited state.

IOp(10/539)

Use of subsets integrals during direct SCF.

0 All integrals done as Raffenetti if there are N or more matrices, all as regular if there are less than N.

0 Default. As Raffenetti.

2 All integrals are done as regular integrals.

N Integrals with degree of contraction greater than or equal to N are done as regular integrals.

IOp(10/530)

Incore storage of 2e integrals:

0 Default - do if possible in direct calculation.

1 Force in-core storage; recover into if available or not S10.

2 Force recomputation.

IOp(10/541)

Whether to use symmetry to reduce the number of CPSF equations:

0 Default (yes).

1 No.

2 Yes.

IOp(10/542)

Type of Gauge Transformation to perform to calculate the current distribution within the molecule, and hence the molecule's other magnetic properties:

0 None.

1 Default (10 if doing magnetic CPSF).

2 Use single gauge origin - the gauge used to calculate the angular momentum precalculated.

3 Use IGAIM method - gauge origin coincident with the nucleus of the integrated atomic orbital.

4 Use CSGT method.

5 Use single gauge origin - the coordinates of which are read in (in Angstroms).

10 Use GIAOs.

IOp(10/546)

Whether to calculate dipole and rotational strengths (VCD).

0 No (Default).

1 Yes.

2 No.

3 Do only optical rotational strength.

IOp(10/547)

Whether to do spin-spin coupling constants.

0 Default (No).

1 Yes.

2 No.

IOp(10/548)

Whether to repeat step/scale in link 1003.

0 Default (No).

1 Yes.

2 No.

IOp(10/555)

Type of Gauge Transformation to perform to calculate the current distribution within the molecule, and hence the molecule's other magnetic properties:

0 None.

1 Default (10 if doing magnetic CPSF).

2 Use single gauge origin - the gauge used to calculate the angular momentum precalculated.

3 Use IGAIM method - gauge origin coincident with the nucleus of the integrated atomic orbital.

4 Use CSGT method.

5 Use single gauge origin - the coordinates of which are read in (in Angstroms).

10 Use GIAOs.

IOp(10/646)

Whether to calculate dipole and rotational strengths (VCD).

0 No (Default).

1 Yes.

2 No.

3 Do only optical rotational strength.

IOp(10/647)

Whether to do spin-spin coupling constants.

0 Default (No).

1 Yes.

2 No.

IOp(10/648)

Whether to repeat step/ scale in link 1003.

0 Default (No).

1 Yes.

2 No.

IOp(10/650)

Over-ride standard values of IRatOn, IRatWt, and IRatCut.

IOp(10/663)

Changing Beholts.

0 Default: Use FMM if turned on globally, use more aggressive cutoffs in NI integrals.

1 Use more aggressive cutoffs in integrals and FMM unless doing NLO.

3 Turn off FMM here regardless.

4 Use FMM if turned on globally.

5 Use global cutoffs.

6 Use local, lower cutoffs suitable only for CPHF/CPKS.

IOp(10/672)

Whether to do frequency-dependent properties:

0 Default (No, unless both electric and magnetic properties are requested).

1 No.

2 Yes.

3 Yes, read in frequencies.

4 Yes, with formulation for frequency-dependent XC response.

100 Explicit frequency-dependent property. Ifor if frequency dep. calculation is performed.

101 Update eigenfactors.

200 Do not update.

IOp(10/673)

Maximum number of CPSF cycles.

0 Default (1000).

N N.

IOp(10/674)

Whether to do non-equilibrium solvation.

0 Default: Only if frequency-dependent.

1 Yes.

2 No.

IOp(10/75)

Print during N400.

0 Default (1).

1 Print tensors and eigenvalues.

2 Print eigenvectors as well.

IOp(10/76)

Over-ride general choice of exchange-correlation frequency dependence.

0 Use global value for this job step.

N Use type N (see IOp(9)) to overlay 1).

IOp(10/77)

Turn CPSF results by checking the CPSF equations using the complete MO Fock and density derivatives.

0 Default (No).

1 Yes.

2 No.

IOp(10/78)

Whether to select CPSF equations for MO0 method.

0 Default (1).

1 Canonical MO derivatives.

2 MO0 subset derivatives.

99 Default (20).

100 Solve using DiagI.

101 Solve with SolvEqn.

IOp(10/79)

Stop the link at selected points, for testing reasons.

MNN Stop at pass M (default 1), restart point NN.

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10(c)10(b)

IFMT: DERIVATIVE INTEGRAL WRITE OPTION

0 DO NOT PRODUCE A EDF FILE.

1 PRODUCE A EDF FILE.

10(c)10(c)

IFDTS: WHETHER OR NOT TO CONTRACT INTEGRAL DERIVATIVES WITH HARTREE-FOCK DERIVATIVE INTEGRALS, WHEN THE HARTREE-FOCK TWO-ELECTRON CONTRIBUTION TO THE FORCES.

0 NO.

1 YES.

2 Yes, also contracted electric field density matrix derivatives to form the non-electronic integral derivative contribution to the polarizability derivatives.

10(c)10(d)

IFTDM: WHETHER OR NOT TO CONTRACT INTEGRAL DERIVATIVES WITH A MEAN OF TWO-PARTICAL DENSITY MATRIX.

0 NO.

1 YES.

2 Yes, but generate and write out the HF 2PDM here for debugging purposes.

10(c)10(e)

IFT1: WHETHER OR NOT TO COMPUTE IT OVER AO'S.

0 No.

1 Yes.

10(c)10(f)

IDOUT: FIRST-ORDER INTEGRAL OUTPUT OPTION.

CONTAINS IFOPU+10*IFOP-10.

IF WHETHER OR NOT TO USE THE CONTENTS OF IBAFN, IBAFL, IBAFT THEM, YES, IF NOT THEM, WHEN NEEDED TO ZERO IT.

O PROCESSING OF TWO-ELECTRON HARTREE-FOCK DERIVATIVE INTEGRALS.

NONE: TAKE OFF CONTRIBUTIONS FROM THIS INTEGRAL.

1 PROCESSING OF TWO-ELECTRON FROM 1 A 1A 1B FT1 (from old 1)2 HF 0 from old 1)3 HF 0 from old 1)4 FT1 from old 1)5 HF 0 from old 1)6 FT1 from old 1)

P PROCESSING OF FORM CONTRIBUTIONS.

NONE: NO CONTRIBUTIONS

1 ADD ON CONTENTS OF FA2.

10(c)10(h)

Selection of 1PDM in L1102 and L1110:

0 Usual SCF density.

N Use generalized density number N for both the one-electron integral derivatives and the corresponding 2PDM terms.

10(c)10(i)

Flags for L1112:

0 Default for I=>>>1b (same as 1).

1 Use 0x.

2 Use L112 and L1x?.

10 Formation of L1x??? terms, default, same as 1.

11 R**n/ EO algorithm.

12 OEI pq?x?/1/O algorithm.

100 Formation of 0x???? terms: default is no choice based on available memory.

101 Force old N?1/O algorithm.

200 Use Gp+5O?? memory algorithm even if O2N2 memory is available.

300 Force old N?1/O algorithm.

0000 Default for N? algorithm (1).

1000 Force new algorithm.

2000 Force old algorithm.

10(c)10(j)

The nature of the perturbation(s).

0 Default (use 10 electric field and electric field).

100 Nuclear Kick order. Electric field 10 order. Magnetic Field 100 order.

10(c)10(k)

Controls output of derivatives for files. nP1000R1/2P1000/2P1/2P1/2P1/0/1P

0 no 0 Fock/1 force two-files 2 0 scratch.

1 (+ neg.) 1 calculate nuclear contribution.

12 no 0 calculate one-electron contribution.

13 no 0 controls output of 1dP format.

14 no 0 controls out-of-core algorithm.

10(c)10(l)

Mode of operation of L1102.

0 Default: compute dipole derivative matrices only.

1 Also compute dipole derivative integral contribution to the HF dipole derivatives.

10 Also compute HF contribution to the dipole moment.

10(c)10(m)

Frameworks in L1110:

0 Default (use 10 2PDM for Lagrangian case with effects in forces in CIS/C).

1 Do C1, C2, E1, and S2 off the AO 2PDM.

2 Cancel CIS/C in full, for debugging frozen-core with integrals over the full window.

3 Same as 2, but leave the full version of C0N on the disk.

4 Force the derivative integral contribution to the Lagrangian as well. This is stored on disk as IBLOBnum,NBasis,NA,LX,Ip+1 (i.e. on1 100).

10(c)10(n)

Auto HF 2PDM from L1111.

0 No.

N Save the AO 2PDM on tape4 N. It is (NT,NT,NT) and includes the 1/2 factor.

-1 (Value[s]) Default. It doesn't include any normalization factor.

10(c)10(o)

Whether to delete MO integrals after I1112.

0 Default (Yes).

1 Yes.

2 No.

10(c)10(p)

How to handle 2e integral contributions in L1112:

0 Default (same as 1).

1 Read the 2e integral files, MO if possible.

2 Compute the 2e integrals when needed. This look must have been specially prepared (special version of ROHF and unrestricted versions).

3 Force use of AO integrals, even if MO ones are available.

MOs: Use option MO to control of 2e integral calculation.

10(c)10(q)

Size of buffers for integral derivatives:

0 default (Machine dependent, see DSuI2I).

N N integer words.

10(c)10(r)

In-core option in I112.

0 Default.

1 Use AO integrals.

Use of subtotal: integrals being direct into in L1112:

0 All integrals done as Raffinetti if there are N + more matrices; all on regular if there are less than N

1 Default. for Raffin details.

2 All integrals are done as regular integrals.

N.. Integrals with degree of contraction greater than or equal to N are done are regular integrals.

10(c)10(s)

Output of 1102:

0 Default (0)

1 Contract with density matrix to form dipole derivative contributions.

10 Store dipole derivative matrices on disk.

10(c)10(t)

PROGRAM SCUFAACY OPTION.

0 DO INTEGRALS ECONOMICALLY TO 10**-10) ACCURACY.

1 TEST OPTION BYSIXS CUTOFFS.

10(c)10(u)

INTEGRAL RETENTION PARAMETER.

0 RETAIN INTEGRALS GE 10**-10) IN THE EDI FILE (IF SELECTED).

-1(Value[s]) Default (0) IN the INTEGRAL HEAP IF IIT=1 AND MORE.)

N RETAIN INTEGRALS GE 10**-N).

10(c)10(v)

Location or generation of MO 1 and 2 PDMs for L1111:

-7 Compute Q(2)O 2PDM

-6 Compute C(1) 2PDM

-5 Compute C(0 2PDM

-4 Compute C(0) 2PDM

-3 Compute C(0) 2PDM

-2 Compute MP2 2PDM

-1 Compute HF DMs.

0 Default 2PDMs S2N, S2T, and S2D.

1 RWFs N (2PDM), N+1 (1PC), and N+2 (2PDM).

10(c)10(w)

What to do:

1 Transform 1PDM and Lagrangian from MO to AO.

10 Transform 2PDM from MO to AO.

100 Run AO 2PDM into shell order. If back transformation has been requested, the shell-ordered version is stored in the 1dP. The next 2PDM is left in the SO2.

200 Form the contributions of the 2PDM to the forces right here. Note that if the 2PDM is not shell ordered, it will be sent out to disk and have the HCP of each further in it.

1000 Suppress writing alpha, beta, and spin density rwfs.

10000 Form and out the 2PDM derivatives rather than the 2PDM.

20000 Generate replicated 2PDM copies for timing.

10(c)10(x)

What to compute using integrals of the form:

1 Energy.

10 Gradient.

10(c)10(y)

Whether to use symmetry in dyn integral derivatives in L1110:

0 Yes.

1 No.

10(c)10(z)

Whether to do 2PDM in just Lagrangian in L1111:

0 Compute Full Gradient.

1 Compute Full Gradient (Same as Default).

2 Compute Density Only.

3 Compute Density and W Only.

4 Compute 2PDM only, no density or W.

10(c)10(aa)

IPRINT EDI/CTO PRINT OPTION.

0 NO PRINTING.

1 PRINT COMPUTED FIRST-DERIV.S/TEVES.

2 PRINT EO MATRICES.

10(c)10(ab)

Compression of derivative matrices:

0 Default-(2).

1 Compute over active atoms only.

2 Compute over the full list of atoms.

3 Compute over the full list of atoms, but blank contributions for inactive atoms.

10(c)10(ac)

Neglect of integrals (only option 1 works in Overlay 10):

0 Keep all integrals.

1 Neglect four center integrals.

2 Neglect three center two-electron integrals as well.

3 Neglect 2e integrals with diameter differential overlap.

10 Neglect three center one-electron integrals.

20 Neglect 1e integrals with diameter differential overlap.

30 Do only overlap and not other 1e integrals.

10(c)10(ad)

NOOO flag.

0 Evaluate usual integrals.

1 Evaluate matrices in the NOOO approximation.

10(c)10(ae)

Compressed file format:

0 Default: compressed.

1 Force expanded form.

2 Compressed but separate R1 and F1.

10(c)10(af)

Batching in overlay 11:

0 Default, smallest possible number of passes.

1 Do at least one pass, but using the rest of core algorithm.

N Do at least N passes.

For Rys in L1110, N is R1/2 for default/to current of core.

10(c)10(ag)

Force NAO instead of NAO-2 storage of matrices (for debugging)

0 No.

1 Yes.

10(c)10(ah)

Whether to include orbital rotation gradient terms for SAC/C2.

0 No.

1 Yes.

10(c)10(ai)

Cancel 1PDM in canonical representation.

2 Save gradients to disk, needed for non-canonical methods.

10(c)10(aj)

Cancel forces over shells in field-dependent dipole and forces over atoms (for debugging)?

0 No.

1 Yes.

10(c)10(ak)

Whether to do FMM.

0 Use global default.

1 Turn off FMM here regardless.

10(c)10(al)

Whether to allow cavity to move in PCM derivatives.

0 Default (No).

1 Yes.

2 No.

10(c)10(am)

Debugging option for DBF derivatives:

0 Normal processing.

1 Ignore fitting density and just process real density in L1110.

2 Copy fitting density over real density. Only works using IC shell pairs for the density basis and only with cartesian functions.

10(c)10(an)

Whether to do FMM.

0 Use global default.

1 Turn off FMM here regardless.

10(c)10(ao)

Controls output of derivatives for files. nP1000R1/2P1000/2P1/2P1/0/1P

0 no 0 Fock/1 force two-files 2 0 scratch.

1 (+ neg.) 1 calculate nuclear contribution.

12 no 0 calculate one-electron contribution.

13 no 0 controls output of 1dP format.

14 no 0 controls out-of-core algorithm.

10(c)10(ap)

Mode of operation of L1102.

0 Default: compute dipole derivative matrices only.

1 Also compute dipole derivative integral contribution to the HF dipole derivatives.

10 Also compute HF contribution to the dipole moment.

10(c)10(aq)

Frameworks in L1110:

0 Default (use 10 2PDM for Lagrangian case with effects in forces in CIS/C).

1 Do C1, C2, E1, and S2 off the AO 2PDM.

2 Cancel CIS/C in full, for debugging frozen-core with integrals over the full window.

3 Same as 2, but leave the full version of C0N on the disk.

4 Force the derivative integral contribution to the Lagrangian as well. This is stored on disk as IBLOBnum,NBasis,NA,LX,Ip+1 (i.e. on1 100).

10(c)10(ar)

Auto HF 2PDM from L1111.

0 No.

N Save the AO 2PDM on tape4 N. It is (NT,NT,NT) and includes the 1/2 factor.

-1 (Value[s]) Default. It doesn't include any normalization factor.

10(c)10(as)

Whether to delete MO integrals after I1112.

0 Default (Yes).

1 Yes.

2 No.

10(c)10(at)

How to handle 2e integral contributions in L1112:

0 Default (same as 1).

1 Read the 2e integral files, MO if possible.

2 Compute the 2e integrals when needed. This look must have been specially prepared (special version of ROHF and unrestricted versions).

3 Force use of AO integrals, even if MO ones are available.

MOs: Use option MO to control of 2e integral calculation.

10(c)10(au)

Size of buffers for integral derivatives:

0 default (Machine dependent, see DSuI2I).

N N integer words.

10(c)10(av)

In-core option in I112.

0 Default.

1 Use AO integrals.

Use of subtotal: integrals being direct into in L1112:

0 All integrals done as Raffinetti if there are N + more matrices; all on regular if there are less than N

1 Default. for Raffin details.

2 All integrals are done as regular integrals.

N.. Integrals with degree of contraction greater than or equal to N are done are regular integrals.

10(c)10(aw)

Output of 1102:

0 Default (0)

1 Contract with density matrix to form dipole derivative contributions.

10 Store dipole derivative matrices on disk.

10(c)10(ax)

PROGRAM SCUFAACY OPTION.

0 DO INTEGRALS ECONOMICALLY TO 10**-10) ACCURACY.

1 TEST OPTION BYSIXS CUTOFFS.

10(c)10(ay)

INTEGRAL RETENTION PARAMETER.

0 RETAIN INTEGRALS GE 10**-10) IN THE EDI FILE (IF SELECTED).

-1(Value[s]) Default (0) IN the INTEGRAL HEAP IF IIT=1 AND MORE.)

N RETAIN INTEGRALS GE 10**-N).

10(c)10(az)

Location or generation of MO 1 and 2 PDMs for L1111:

-7 Compute Q(2)O 2PDM

-6 Compute C(1) 2PDM

-5 Compute C(0 2PDM

-4 Compute C(0) 2PDM

-3 Compute C(0) 2PDM

-2 Compute MP2 2PDM

-1 Compute HF DMs.

0 Default 2PDMs S2N, S2T, and S2D.

1 RWFs N (2PDM), N+1 (1PC), and N+2 (2PDM).

10(c)10(ba)

What to do:

1 Transform 1PDM and Lagrangian from MO to AO.

10 Transform 2PDM from MO to AO.

100 Run AO 2PDM into shell order. If back transformation has been requested, the shell-ordered version is stored in the 1dP. The next 2PDM is left in the SO2.

200 Form the contributions of the 2PDM to the forces right here. Note that if the 2PDM is not shell ordered, it will be sent out to disk and have the HCP of each further in it.

1000 Suppress writing alpha, beta, and spin density rwfs.

10000 Form and out the 2PDM derivatives rather than the 2PDM.

20000 Generate replicated 2PDM copies for timing.

10(c)10(bb)

What to compute using integrals of the form:

1 Energy.

10 Gradient.

10(c)10(bc)

Whether to use symmetry in dyn integral derivatives in L1110:

0 Yes.

1 No.

10(c)10(bd)

Whether to do 2PDM in just Lagrangian in L1111:

0 Compute Full Gradient.

1 Compute Full Gradient (Same as Default).

2 Compute Density Only.

3 Compute Density and W Only.

4 Compute 2PDM only, no density or W.

10(c)10(be)

IPRINT EDI/CTO PRINT OPTION.

0 NO PRINTING.

1 PRINT COMPUTED FIRST-DERIV.S/TEVES.

2 PRINT EO MATRICES.

10(c)10(bf)

Compression of derivative matrices:

0 Default-(2).

1 Compute over active atoms only.

2 Compute over the full list of atoms.

3 Compute over the full list of atoms, but blank contributions for inactive atoms.

10(c)10(bg)

Neglect of integrals (only option 1 works in Overlay 10):

0 Keep all integrals.

1 Neglect four center integrals.

2 Neglect three center two-electron integrals as well.

3 Neglect 2e integrals with diameter differential overlap.

10 Neglect three center one-electron integrals.

20 Neglect 1e integrals with diameter differential overlap.

30 Do only overlap and not other 1e integrals.

10(c)10(bh)

NOOO flag.

0 Evaluate usual integrals.

1 Evaluate matrices in the NOOO approximation.

10(c)10(bi)

Compressed file format:

0 Default: compressed.

1 Force expanded form.

2 Compressed but separate R1 and F1.

10(c)10(bj)

Batching in overlay 11:

0 Default, smallest possible number of passes.

1 Do at least one pass, but using the rest of core algorithm.

N Do at least N passes.

For Rys in L1110, N is R1/2 for default/to current of core.

10(c)10(bk)

Force NAO instead of NAO-2 storage of matrices (for debugging)

0 No.

1 Yes.

10(c)10(bl)

Whether to include orbital rotation gradient terms for SAC/C2.

0 No.

1 Yes.

10(c)10(bm)

Cancel 1PDM in canonical representation.

2 Save gradients to disk, needed for non-canonical methods.

10(c)10(bn)

Cancel forces over shells in field-dependent dipole and forces over atoms (for debugging)?

0 No.

1 Yes.

10(c)10(bo)

Whether to do FMM.

0 Use global default.

1 Turn off FMM here regardless.

10(c)10(bp)

Whether to allow cavity to move in PCM derivatives.

0 Default (No).

1 Yes.

2 No.

10(c)10(bq)

Debugging option for DBF derivatives:

0 Normal processing.

1 Ignore fitting density and just process real density in L1110.

2 Copy fitting density over real density. Only works using IC shell pairs for the density basis and only with cartesian functions.

10(c)10(br)

Force NAO instead of NAO-2 storage of matrices (for debugging)

0 No.

1 Yes.

10(c)10(bs)

Whether to include orbital rotation gradient terms for SAC/C2.

0 No.

1 Yes.

10(c)10(bt)

Cancel 1PDM in canonical representation.

2 Save gradients to disk, needed for non-canonical methods.

10(c)10(bu)

Cancel forces over shells in field-dependent dipole and forces over atoms (for debugging)?

0 No.

1 Yes.

10(c)10(bv)

Whether to do FMM.

0 Use global default.

1 Turn off FMM here regardless.

10(c)10(bw)

Whether to allow cavity to move in PCM derivatives.

0 Default (No).

1 Yes.

2 No.

10(c)10(bx)

Debugging option for DBF derivatives:

0 Normal processing.

1 Ignore fitting density and just process real density in L1110.

2 Copy fitting density over real density. Only works using IC

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IOp(9999/5)

CONTROLS HANDLING OF THE CHECKPOINT FILE:

0 THE RUN IS AN OPTIMIZATION OR FREQUENCY RUN, SO BOTH
THE PERMANENT AND RESTART FILES ARE IN THE CHECKPOINT
FILE. DELETE THE RESTART INFORMATION IF THE RUN IS FINISHING
NORMALLY (I.E. IF THE ERROR TERMINATION ILSW BIT IS NOT SET).

1 THE RUN IS NOT AN OPTIMIZATION. SAVE THE PERMANENT
INFORMATION (MOS, BASIS SET INFO ETC.) ON THE CHECKPOINT FILE.

2 Do not write anything to the checkpoint file.

3 Archive data from the checkpoint file.

4 Restart a multi-step job, recovering data from the checkpoint file and figuring out which job
step to run next and whether it needs restart if an optimization or numerical frequency.

5 Save data on the chk file, but don't remove extra data (i.e., if a new version was not generated in this step).

IOp(9999/6)

Controls output of Fortran unformatted files for other programs:

0 No PolyAtom output.

1 PolyAtom output in working precision to Fortran unit 8.

00 No GVB2P5 trans file.

10 GVB2P5 trans file to unit 14.

100 WFN file output

200 WFN file output with magnetic orbital derivatives.

300 WFN file output with GIAO magnetic orbital derivatives.

1000 Use natural orbitals in WFN file

IOp(9999/7)

Controls whether MOs are written to the polyatom integral tape in LANL style.

0 No.

1 Yes.

IOp(9999/8)

Reading temperature, pressure, and isotopes during multi-step energy calculations:

0 Default (same as 1).

1 No, use defaults.

2 Yes.

IOp(9999/9)

Controls archiving of dipole moment and other electic field derivatives, except for archiving from the chk file.

0 Archive all as is.

1 Archive all, but rotates to z-matrix orientation first.

2 Don't archive.

IOp(9999/10)

Controls punching of assorted information (i.e., formatted output to unit 7).

0 Nothing.

1 Title.

2 Atomic numbers and coordinates in format (I3,3D20.12).

4 Derivatives (forces and force constants) in format (2X,3D20.12). These are in the Z-matrix orientation.

8 The archive entry. This is independant of normal archiving to the main file.

16 An input deck for HONDO.

32 The molecular orbitals, in format suitable for guess=cards, in the standard orientation.

64 A GAMESS input deck.

128 The natural orbitals generated by link 601.

256 A WFN file for PROAIMS.

512 Use natural orbitals in WFN file.

1024 Output hyperfine tensors as input to Pickett's program (sent to the output file).

2048 Read a list of atoms to use in the Pickett input.

IOp(9999/11)

Which type of database to update:

0 Default (3).

1 Old format.

2 New format.

3 Both.

IOp(9999/12)

Flag for coordinate optimization:

0 No.

1 Yes; remove /ZMat/ and /ZSubst/ from the rwf and chk files.

IOp(9999/13)

Whether this is the end of the job step:

0 Default (Yes).

1 Yes.

2 No.

3 Go back to Link 1.

IOp(9999/14)

Whether to attempt to express the final optimized structure in terms of the input z-matrix:

0 Yes if there are 20 or fewer atoms.

1 Yes.

2 No.

3 Yes, and update rwfs.

IOp(9999/15)

Act as though in multi-step job type IOp(15).

IOp(9999/16)

Treat the job as type (Info(7)) given by IOp(16).

IOp(9999/17)

Treat as MSJDon=IOp(17) step in a multi-step job.

IOp(9999/18)

How many virtual orbitals to include in the WFN file.

0 Default (None).

-1 Include all virtual orbitals.

N Include N virtual orbitals.

IOp(9999/33)

CONTROLS DEBUG PRINT:

0 NO DEBUG PRINT.

1 DEBUG PRINT.