1. **Test Dataset: AA400002**

**S‐58 Recommended ENC Validation Checks covered in this section:**

|  |  |
| --- | --- |
| **S‐58 Check** | **Description** |
| 507 | If any mandatory attributes are not Present. |

**Secondary Errors**

Critical – 42, 500, 505, 519a, 544, 548, 566

Error – 11, 26b, 47a, 47b, 63, 508a, 508b, 509, 541b, 542, 551a, 557, 1512b, 1515b, 1517, 1559,1562, 1669,

1772a, 1797, 2000

Warnings – 73a, 1657, 1682, 1719, 1722a, 1808

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Dataset Name** | AA400002 | | | **S‐58 Check** | | 507 | | **Type** | | | C | |
| **S-58 Description** | | If any mandatory attributes are not Present. | | | | | | | | | | |
| **Message** | | Mandatory attributes are not encoded. | | | | | | | | | | |
| **Solution** | | Populate mandatory attributes (If unknown encode attribute with empty value). | | | | | | | **Conformity**  3.5.2 and | | | Supplement No.3  Ch.4 (3.5.2.1) |
| **Test Case No. 1** | | Objects without mandatory attributes have been created, as listed below. | | | | | | | | | | |
| **Location** | | | **Feature** | | **Missing Mandatory Attribute** | | **FRID** | | | **FOID** | | |
| 32°21'44.84"S 60°55'14.25"E | | | ADMARE (A) | | JRSDTN | | FE-249 | | | AA 0530461915 00689 | | |
| 32°22'45.36"S 60°57'33.88"E | | | ARCSLN (A) | | NATION | | FE-75 | | | AA 3496719125 00004 | | |
| 32°22'20.87"S 60°56'52.36"E | | | ASLXIS (L) | | NATION | | FE-91 | | | AA 1447035004 00005 | | |
| 32°21'39.04"S 60°55'22.24"E | | | BCNCAR (P) | | BCNSHP | | FE-334 | | | AA 1800597279 00005 | | |
| 32°21'38.74"S 60°55'30.42"E | | | BCNCAR (P) | | COLOUR | | FE-288 | | | AA 0545083054 00796 | | |
| 32°21'38.74"S 60°55'26.38"E | | | BCNCAR (P) | | CATCAM | | FE-297 | | | AA 3428788698 00004 | | |
| 32°21'38.74"S 60°55'26.38"E | | | BCNCAR (P) | | COLPAT | | FE-297 | | | AA 3428788698 00004 | | |
| 32°21'35.27"S 60°55'39.20"E | | | BCNISD (P) | | COLOUR | | FE-291 | | | AA 4266219750 00567 | | |
| 32°21'34.99 "S 60°55'44.25"E | | | BCNISD(P) | | BCNSHP | | FE-299 | | | AA 2941575223 00008 | | |
| 32°21'31.95"S 60°55'22.57"E | | | BCNLAT (P) | | BCNSHP | | FE-300 | | | AA 3287691974 00009 | | |
| 32°21'31.64"S 60°55'26.02"E | | | BCNLAT (P) | | CATLAM | | FE-301 | | | AA 0078989068 00010 | | |
| 32°21'31.50"S 60°55'30.27"E | | | BCNLAT (P) | | COLOUR | | FE-287 | | | AA 3145674976 00016 | | |
| 32°21'35.59"S 60°55'26.31"E | | | BCNSAW (P) | | BCNSHP | | FE-302 | | | AA 1153938275 00011 | | |
| 32°21'35.70"S 60°55'22.46"E | | | BCNSAW (P) | | COLOUR | | FE-292 | | | AA 0871898662 00549 | | |
| 32°21'30.44"S 60°55'55.07"E | | | BCNSPP (P) | | CATSPM | | FE-283 | | | AA 2014947142 00021 | | |
| 32°21'30.34"S 60°55'42.79"E | | | BCNSPP (P) | | BCNSHP | | FE-280 | | | AA 2861861109 00024 | | |
| 32°21'30.44"S 60°55'49.96"E | | | BCNSPP (P) | | COLOUR | | FE-284 | | | AA 1598464134 00020 | | |
| 32°21'41.81"S 60°56'23.97"E | | | BERTHS (P) | | OBJNAM | | FE-45 | | | AA 0089698594 00696 | | |
| 32°21'41.75"S 60°55'17.00"E | | | BERTHS (A) | | OBJNAM | | FE-54 | | | AA 2029482984 00693 | | |
| 32°21'41.97"S 60°56'21.91"E | | | BERTHS (L) | | OBJNAM | | FE-56 | | | AA 1432384515 00694 | | |
| 32°21'35.52"S 60°56'32.86"E | | | BOYCAR (P) | | BOYSHP | | FE-120 | | | AA 2041563891 00001 | | |
| 32°21'35.41"S 60°56'38.70"E | | | BOYCAR (P) | | CATCAM | | FE-310 | | | AA 2875621777 00002 | | |
| 32°21'35.34"S 60°56'35.70"E | | | BOYCAR (P) | | COLOUR | | FE-311 | | | AA 3892085572 00015 | | |
| 32°21'40.96"S 60°56'32.10"E | | | BOYINB(P) | | BOYSHP | | FE-309 | | | AA 2848674726 00012 | | |
| 32°21'40.82"S 60°56'39.27"E | | | BOYINB (P) | | COLOUR | | FE-313 | | | AA 4258685669 00798 | | |
| 32°21'37.58"S 60°56'25.06"E | | | BOYISD (P) | | BOYSHP | | FE-166 | | | AA 3605557902 00003 | | |
| 32°21'37.86"S 60°56'22.42"E | | | BOYISD (P) | | COLOUR | | FE-168 | | | AA 2198090225 00702 | | |
| 32°21'37.45"S 60°56'32.94"E | | | BOYLAT (P) | | COLOUR | | FE-119 | | | AA 4118631995 00704 | | |
| 32°21'37.55"S 60°56'35.90"E | | | BOYLAT (P) | | BOYSHP | | FE-307 | | | AA 0692452959 00014 | | |
| 32°21'37.07"S 60°56'38.62"E | | | BOYLAT (P) | | CATLAM | | FE-308 | | | AA 0214365721 00013 | | |
| 32°21'39.31"S 60°56'36.06"E | | | BOYSAW (P) | | BOYSHP | | FE-306 | | | AA 3471407376 00015 | | |
| 32°21'38.84"S 60°56'39.20"E | | | BOYSAW (P) | | COLOUR | | FE-314 | | | AA 2314264704 00706 | | |
| 32°21'35.90"S 60°55'22.67"E | | | BOYSPP (P) | | CATSPM | | FE-189 | | | AA 0502796792 00016 | | |
| 32°21'35.76"S 60°55'28.23"E | | | BOYSPP (P) | | BOYSHP | | FE-190 | | | AA 2504625015 00017 | | |
| 32°21'35.76"S 60°55'28.23"E | | | BOYSPP (P) | | COLPAT | | FE-190 | | | AA 2504625015 00017 | | |
| 32°21'35.69"S 60°55'25.14"E | | | BOYSPP (P) | | COLOUR | | FE-167 | | | AA 2467278849 00708 | | |
| 32°21'08.20"S 60°55'47.16"E | | | BRIDGE (A) | | VERCLR | | FE-59 | | | AA 0000000160 00001 | | |
| 32°20'18.26"S 60°55'21.06"E | | | BRIDGE (A) | | VERCCL | | FE-347 | | | AA 2740213102 00539 | | |
| 32°20'41.14"S 60°55'30.51"E | | | BRIDGE(L) | | VERCLR | | FE-348 | | | AA 0000004388 00001 | | |
| 32°20'49.35"S 60°55'35.51"E | | | BRIDGE(L) | | CATBRG | | FE-349 | | | AA 0000000159 00001 | | |
| 32°23'07.68"S 60°56'07.17"E | | | CBLOHD (L) | | VERCSA | | FE-345 | | | AA 0000004340 00001 | | |
| 32°29'09.24"S 60°55'53.27"E | | | CONVYR (A) | | VERCLR | | FE-338 | | | AA 0000004492 00001 | | |
| 32°23'08.59"S 60°55'57.96"E | | | CONVYR(L) | | VERCLR | | FE-156 | | | AA 2772540457 00699 | | |
| 32°21'42.29"S 60°56'45.76"E | | | CONZNE (A) | | NATION | | FE-15 | | | AA 0103112862 00695 | | |
| 32°21'41.33"S 60°56'55.84"E | | | COSARE (A) | | NATION | | FE-16 | | | AA 1079672998 00691 | | |
| 32°21'44.97"S 60°56'23.88"E | | | CTNARE (P) | | INFORM or TXTDSC | | FE-46 | | | AA 1466489369 00677 | | |
| 32°21'41.41"S 60°57'14.65"E | | | CTNARE (A) | | INFORM or TXTDSC | | FE-19 | | | AA 2519687966 00687 | | |
| 32°21'46.14"S 60°56'25.87"E | | | CURENT (P) | | CURVEL | | FE-64 | | | AA 4054974434 00022 | | |
| 32°21'44.81"S 60°56'27.19"E | | | CURENT (P) | | ORIENT | | FE-51 | | | AA 0079557394 00551 | | |
| 32°21'46.41"S 60°56'45.53"E | | | CUSZNE (A) | | NATION | | FE-11 | | | AA 1344273938 00709 | | |
| 32°21'39.04"S 60°55'22.24"E | | | DAYMAR (P) | | COLOUR | | FE-182 | | | AA 0000004450 00001 | | |
| 32°21'39.04"S 60°55'22.24"E | | | DAYMAR (P) | | TOPSHP | | FE-182 | | | AA 0000004450 00001 | | |
| 32°21'38.74"S 60°55'30.42"E | | | DAYMAR (P) | | COLOUR | | FE-289 | | | AA 1200497722 00712 | | |
| 32°21'38.74"S 60°55'26.38"E | | | DAYMAR (P) | | TOPSHP | | FE-298 | | | AA 1209347525 00006 | | |
| 32°20'34.60"S 60°55'39.37"E | | | DEPARE (A) | | DRVAL1 | | FE-136 | | | AA 2469013626 00521 | | |
| 32°20'57.65"S 60°55'48.41"E | | | DEPARE (A) | | DRVAL2 | | FE-183 | | | AA 2604850736 00605 | | |
| 32°20'38.33"S 60°55'40.66"E | | | DEPCNT (L) | | VALDCO | | FE-172 | | | AA 0936110632 00670 | | |
| 32°21'46.39"S 60°56'55.15"E | | | DRGARE (A) | | DRVAL1 | | FE-10 | | | AA 2498682264 00711 | | |
| 32°23'03.81"S 60°56'46.89"E | | | DRGARE (A) | | DRVAL1 | | FE-335 | | | AA 3942293340 00686 | | |
| 32°22'23.23"S 60°59'17.36"E | | | DWRTCL (L) | | TRAFIC | | FE-36 | | | AA 1588378561 00019 | | |
| 32°21'47.32"S 60°57'26.59"E | | | DWRTCL (L) | | ORIENT | | FE-69 | | | AA 0834307021 00006 | | |
| 32°22'36.66"S 60°59'00.39"E | | | DWRTCL (L) | | CATTRK | | FE-192 | | | AA 1125268850 00018 | | |
| 32°21'35.52"S 60°57'04.29"E | | | DWRTPT (A) | | TRAFIC | | FE-72 | | | AA 0720930177 00021 | | |
| 32°21'46.34"S 60°57'04.67"E | | | DWRTPT (A) | | DRVAL1 | | FE-73 | | | AA 4231855440 00020 | | |
| 32°21'41.71"S 60°57'13.04"E | | | DWRTPT (A) | | ORIENT | | FE-326 | | | AA 0797359693 00546 | | |
| 32°21'47.07"S 60°57'13.97"E | | | EXEZNE (A) | | NATION | | FE-14 | | | AA 0367697121 00697 | | |
| 32°21'51.60"S 60°56'36.27"E | | | FERYRT (A) | | CATFRY | | FE-22 | | | AA 2160482161 00685 | | |
| 32°21'47.93"S 60°56'21.88"E | | | FERYRT (L) | | CATFRY | | FE-55 | | | AA 1301617315 00682 | | |
| 32°21'35.70"S 60°55'22.46"E | | | FOGSIG (P) | | CATFOG | | FE-290 | | | AA 1655766254 00548 | | |
| 32°21'51.40"S 60°56'45.54"E | | | FSHZNE (A) | | NATION | | FE-09 | | | AA 0945996894 00713 | | |
| 32°21'51.49"S 60°56'55.11"E | | | GATCON (A) | | HORCLR | | FE-08 | | | AA 2309764127 00715 | | |
| 32°21'53.61"S 60°56'21.73"E | | | GATCON (L) | | HORCLR | | FE-57 | | | AA 3872537966 00717 | | |
| 32°21'47.63"S 60°56'23.86"E | | | GATCON (P) | | HORCLR | | FE-42 | | | AA 0519629719 00719 | | |
| 32°21'51.61"S 60°57'04.38"E | | | HRBFAC (A) | | CATHAF | | FE-07 | | | AA 2747970503 00716 | | |
| 32°21'51.08"S 60°56'24.02"E | | | HRBFAC (P) | | CATHAF | | FE-44 | | | AA 0679650332 00710 | | |
| 32°21'53.41"S 60°55'14.03"E | | | ICEARE (A) | | CATICE | | FE-247 | | | AA 1432073687 00721 | | |
| 32°21'46.88"S 60°56'15.01"E | | | LITVES (P) | | COLOUR | | FE-41 | | | AA 2118025787 00722 | | |
| 32°21'45.36"S 60°56'06.32"E | | | LIGHTS (P) | | COLOUR | | FE-04 | | | AA 2105716918 00010 | | |
| 32°21'46.24"S 60°55'27.88"E | | | LIGHTS (P) | | SIGPER | | FE-237 | | | AA 1103259494 00723 | | |
| 32°21'31.50"S 60°55'30.27"E | | | LIGHTS (P) | | SIGGRP | | FE-286 | | | AA 3329664863 00018 | | |
| 32°21'30.34"S 60°55'42.79"E | | | LIGHTS (P) | | ORIENT | | FE-281 | | | AA 0521632111 00023 | | |
| 32°21'30.44"S 60°55'55.07"E | | | LIGHTS (P) | | SECTR1 | | FE-282 | | | AA 2315929374 00022 | | |
| 32°21'30.44"S 60°55'55.07"E | | | LIGHTS (P) | | SECTR2 | | FE-285 | | | AA 2533748337 00019 | | |
| 32°21'29.76"S 60°55'08.64"E | | | LIGHTS (P) | | CATLIT or LITCHR | | FE-350 | | | AA 4243752558 00011 | | |
| 32°21'29.76"S 60°55'08.64"E | | | LIGHTS (P) | | SIGPER | | FE-350 | | | AA 4243752558 00011 | | |
| 32°21'29.76"S 60°55'08.64"E | | | LIGHTS (P) | | SIGGRP | | FE-350 | | | AA 4243752558 00011 | | |
| 32°21'35.10"S 60°55'16.75"E | | | LIGHTS (P) | | COLOUR | | FE-351 | | | AA 0000000817 00001 | | |
| 32°21'38.13"S 60°55'55.70"E | | | LIGHTS (P) | | LITCHR | | FE-337 | | | AA 0000004490 00001 | | |
| 32°21'38.13"S 60°55'55.70"E | | | LIGHTS (P) | | ORIENT | | FE-337 | | | AA 0000004490 00001 | | |
| 32°21'38.13"S 60°55'55.70"E | | | LIGHTS (P) | | SIGGRP | | FE-337 | | | AA 0000004490 00001 | | |
| 32°21'38.13"S 60°55'55.70"E | | | LIGHTS (P) | | SIGPER | | FE-337 | | | AA 0000004490 00001 | | |
| 32°21'39.48"S 60°56'28.03"E | | | LITFLT (P) | | COLOUR | | FE-38 | | | AA 2950793822 00725 | | |
| 32°21'46.62"S 60°55'35.23"E | | | LNDELV (L) | | ELEVAT | | FE-250 | | | AA 2456869599 00720 | | |
| 32°21'38.81"S 60°55'36.20"E | | | LNDELV (P) | | ELEVAT | | FE-303 | | | AA 0637444345 00023 | | |
| 32°22'14.31"S 60°56'08.54"E | | | LNDMRK (P) | | CATLMK | | FE-158 | | | AA 1552358594 00630 | | |
| 32°21'59.07"S 60°55'13.83"E | | | LNDMRK (A) | | CONVIS | | FE-248 | | | AA 0981035900 00718 | | |
| 32°21'50.88"S 60°56'13.78"E | | | LNDRGN (P) | | CATLND or OBJNAM | | FE-43 | | | AA 1307318587 00714 | | |
| 32°21'53.43"S 60°55'25.97"E | | | LNDRGN (A) | | CATLND or OBJNAM | | FE-246 | | | AA 1604466715 00724 | | |
| 32°20'39.19"S 60°57'45.57"E | | | LOCMAG (A) | | VALLMA | | FE-74 | | | AA 1543569125 00026 | | |
| 32°20'55.41"S 60°56'49.40"E | | | LOCMAG (L) | | VALLMA | | FE-90 | | | AA 1030762876 00025 | | |
| 32°21'46.53"S 60°55'51.57"E | | | LOCMAG (P) | | VALLMA | | FE-240 | | | AA 0473195392 00542 | | |
| 32°21'59.64"S 60°55'29.24"E | | | MAGVAR (A) | | RYRMGV | | FE-02 | | | AA 1782162868 00732 | | |
| 32°22'09.93"S 60°55'45.24"E | | | MAGVAR (L) | | VALACM | | FE-01 | | | AA 1892595195 00027 | | |
| 32°21'51.92"S 60°55'51.67"E | | | MAGVAR (P) | | VALMAG | | FE-05 | | | AA 2110527488 00727 | | |
| 32°21'51.67"S 60°57'13.47"E | | | MARCUL (A) | | VALSOU | | FE-344 | | | AA 2884952360 00731 | | |
| 32°21'51.61"S 60°57'04.09"E | | | MARCUL (A) | | WATLEV | | FE-343 | | | AA 0000000154 00001 | | |
| 32°21'53.50"S 60°56'22.16"E | | | MARCUL (L) | | VALSOU | | FE-346 | | | AA 0000000156 00001 | | |
| 32°21'53.38"S 60°56'22.72"E | | | MARCUL (L) | | WATLEV | | FE-341 | | | AA 4026695848 00730 | | |
| 32°21'54.05"S 60°56'25.16"E | | | MARCUL (P) | | VALSOU | | FE-342 | | | AA 0000000158 00001 | | |
| 32°21'53.52"S 60°56'23.70"E | | | MARCUL (P) | | WATLEV | | FE-340 | | | AA 0068932969 00729 | | |
| 32°21'54.70"S 60°56'36.19"E | | | MORFAC (A) | | CATMOR | | FE-327 | | | AA 2041295873 00736 | | |
| 32°21'47.88"S 60°56'20.39"E | | | MORFAC (L) | | CATMOR | | FE-60 | | | AA 1846116232 00734 | | |
| 32°21'53.90"S 60°56'27.77"E | | | MORFAC (P) | | CATMOR | | FE-50 | | | AA 0030932522 00626 | | |
| 32°21'54.65"S 60°56'17.55"E | | | NAVLNE (L) | | ORIENT | | FE-52 | | | AA 3016594242 00026 | | |
| 32°21'53.43"S 60°56'16.96"E | | | NAVLNE (L) | | CATNAV | | FE-330 | | | AA 1963904057 00733 | | |
| 32°21'59.25"S 60°55'57.13"E | | | NEWOBJ (A) | | CLSDEF | | FE-124 | | | AA 0828887526 00794 | | |
| 32°21'59.35"S 60°55'52.62"E | | | NEWOBJ (L) | | CLSDEF | | FE-279 | | | AA 3701585517 00793 | | |
| 32°22'03.09"S 60°55'57.11"E | | | NEWOBJ (P) | | CLSNAM | | FE-270 | | | AA 0673042456 00792 | | |
| 32°21'54.93"S 60°56'44.46"E | | | OBSTRN (A) | | VALSOU | | FE-245 | | | AA 2069979401 00741 | | |
| 32°21'53.43"S 60°56'23.13"E | | | OBSTRN (L) | | VALSOU | | FE-61 | | | AA 2261758077 00737 | | |
| 32°21'51.05"S 60°56'25.34"E | | | OBSTRN (P) | | WATLEV | | FE-39 | | | AA 4009803686 00739 | | |
| 32°23'07.58"S 60°56'06.17"E | | | PIPOHD (L) | | VERCLR | | FE-157 | | | AA 2044762845 00740 | | |
| 32°21'55.37"S 60°56'52.08"E | | | PRCARE (A) | | INFORM or TXTDSC | | FE-328 | | | AA 1712117592 00738 | | |
| 32°21'52.68"S 60°56'26.34"E | | | PRCARE (P) | | INFORM or TXTDSC | | FE-40 | | | AA 2163120342 00735 | | |
| 32°21'53.25"S 60°55'37.10"E | | | PRDARE (A) | | CATPRA | | FE-244 | | | AA 0549044268 00742 | | |
| 32°21'49.28"S 60°55'32.15"E | | | PRDARE (P) | | CATPRA | | FE-271 | | | AA 2264254762 00028 | | |
| 32°21'59.03"S 60°55'40.75"E | | | PYLONS (A) | | CATPYL | | FE-293 | | | AA 1423236820 00748 | | |
| 32°22'01.94"S 60°55'47.19"E | | | PYLONS (P) | | CATPYL | | FE-272 | | | AA 0332594358 00001 | | |
| 32°21'48.91"S 60°55'56.40"E | | | RADLNE (L) | | ORIENT | | FE-257 | | | AA 2153048553 00744 | | |
| 32°21'29.24 "S 60°56'16.26"E | | | RCRTCL (L) | | CATTRK | | FE-58 | | | AA 0014521106 00728 | | |
| 32°22'04.72"S 60°55'14.40"E | | | RCTLPT (A) | | ORIENT | | FE-243 | | | AA 0030871141 00743 | | |
| 32°21'54.03"S 60°55'51.89"E | | | RCTLPT (P) | | ORIENT | | FE-233 | | | AA 2428708680 00750 | | |
| 32°21'25.84"S 60°56'08.95"E | | | RDOCAL (L) | | ORIENT | | FE-332 | | | AA 0000004440 00001 | | |
| 32°21'27.65"S 60°56'09.07"E | | | RDOCAL (L) | | TRAFIC | | FE-255 | | | AA 2234584720 00754 | | |
| 32°21'43.39"S 60°56'13.51"E | | | RDOCAL (P) | | ORIENT | | FE-62 | | | AA 2315466569 00752 | | |
| 32°21'39.57"S 60°56'16.31"E | | | RDOCAL (P) | | TRAFIC | | FE-331 | | | AA 0000004445 00001 | | |
| 32°22'05.25"S 60°55'48.66"E | | | RECTRC (A) | | CATTRK | | FE-122 | | | AA 2501737052 00033 | | |
| 32°22'05.30"S 60°55'40.55"E | | | RECTRC (A) | | TRAFIC | | FE-123 | | | AA 1521181436 00032 | | |
| 32°22'05.12"S 60°55'27.80"E | | | RECTRC (A) | | ORIENT | | FE-242 | | | AA 2863061538 00747 | | |
| 32°21'32.15"S 60°56'17.03"E | | | RECTRC (L) | | CATTRK | | FE-53 | | | AA 0072867670 00002 | | |
| 32°21'35.74"S 60°56'16.35"E | | | RECTRC (L) | | TRAFIC | | FE-256 | | | AA 0792773422 00751 | | |
| 32°21'34.02"S 60°56'16.40"E | | | RECTRC (L) | | ORIENT | | FE-03 | | | AA 0000004337 00001 | | |
| 32°22'02.54"S 60°55'40.32"E | | | RESARE (A) | | CATREA or RESTRN | | FE-251 | | | AA 4098010845 00749 | | |
| 32°21'58.76"S 60°55'48.60"E | | | RTPBCN (P) | | CATRTB | | FE-258 | | | AA 2554437601 00756 | | |
| 32°21'55.31"S 60°56'59.32"E | | | SBDARE (A) | | NATSUR or NATQUA | | FE-88 | | | AA 2827574146 00760 | | |
| 32°21'53.72"S 60°56'19.99"E | | | SBDARE (L) | | NATSUR or NATQUA | | FE-253 | | | AA 2718339155 00758 | | |
| 32°21'54.92"S 60°56'25.76"E | | | SBDARE (P) | | NATSUR or NATQUA | | FE-63 | | | AA 2634399138 00753 | | |
| 32°21'55.61"S 60°57'06.87"E | | | SEAARE (A) | | CATSEA or OBJNAM | | FE-89 | | | AA 1875544586 00759 | | |
| 32°21'44.67"S 60°56'29.93"E | | | SEAARE (P) | | CATSEA or OBJNAM | | FE-259 | | | AA 4236711974 00757 | | |
| 32°21'53.20"S 60°55'48.41"E | | | SISTAT (P) | | CATSIT | | FE-235 | | | AA 1749600218 00745 | | |
| 32°21'50.33"S 60°55'25.06"E | | | SISTAW (P) | | CATSIW | | FE-239 | | | AA 1347002690 00552 | | |
| 32°22'09.54"S 60°55'13.84"E | | | SMCFAC (A) | | CATSCF | | FE-295 | | | AA 1342715916 00763 | | |
| 32°21'51.76"S 60°55'45.49"E | | | SMCFAC (P) | | CATSCF | | FE-260 | | | AA 2088797594 00761 | | |
| 32°21'43.10"S 60°55'57.97"E | | | STSLNE (L) | | NATION | | FE-254 | | | AA 1247770472 00755 | | |
| 32°21'58.30"S 60°56'36.45"E | | | SWPARE (A) | | DRVAL1 | | FE-87 | | | AA 2102075430 00764 | | |
| 32°21'58.55"S 60°56'44.17"E | | | TESARE (A) | | NATION | | FE-86 | | | AA 2814602821 00766 | | |
| 32°21'40.82"S 60°56'39.27"E | | | TOPMAR (P) | | TOPSHP | | FE-312 | | | AA 3027549413 00768 | | |
| 32°21'58.47"S 60°56'51.03"E | | | TSSLPT (A) | | ORIENT | | FE-85 | | | AA 3243248914 00770 | | |
| 32°22'02.87"S 60°57'04.58"E | | | TS\_FEB (A) | | CAT\_TS | | FE-322 | | | AA 1114704627 00013 | | |
| 32°22'02.64"S 60°57'10.03"E | | | TS\_FEB (A) | | CURVEL | | FE-321 | | | AA 0536014906 00014 | | |
| 32°22'02.98"S 60°56'58.45"E | | | TS\_FEB (A) | | ORIENT | | FE-80 | | | AA 0868913570 00784 | | |
| 32°22'24.18"S 60°56'33.45"E | | | TS\_FEB (P) | | CAT\_TS | | FE-304 | | | AA 0530436172 00015 | | |
| 32°22'24.26"S 60°56'35.79"E | | | TS\_FEB (P) | | CURVEL | | FE-305 | | | AA 0174726393 00016 | | |
| 32°22'24.26"S 60°56'30.48"E | | | TS\_FEB (P) | | ORIENT | | FE-160 | | | AA 0948593642 00779 | | |
| 32°22'06.72"S 60°57'04.49"E | | | TS\_PAD (A) | | TS\_TSP | | FE-79 | | | AA 3446518343 00785 | | |
| 32°21'55.05"S 60°56'29.61"E | | | TS\_PAD (P) | | TS\_TSP | | FE-265 | | | AA 2252227968 00780 | | |
| 32°22'10.72"S 60°56'44.64"E | | | TS\_PNH (A) | | T\_MTOD | | FE-76 | | | AA 3326744555 00791 | | |
| 32°22'10.53"S 60°56'51.86"E | | | TS\_PNH (A) | | T\_THDF | | FE-320 | | | AA 4034576705 00018 | | |
| 32°21'59.51"S 60°56'20.60"E | | | TS\_PNH (P) | | T\_MTOD | | FE-276 | | | AA 2428036181 00017 | | |
| 32°21'59.67"S 60°56'17.09"E | | | TS\_PNH (P) | | T\_THDF | | FE-268 | | | AA 1045866687 00786 | | |
| 32°22'06.94"S 60°56'51.89"E | | | TS\_PRH (A) | | T\_MOTD | | FE-319 | | | AA 2424512482 00020 | | |
| 32°22'07.18"S 60°56'44.35"E | | | TS\_PRH (A) | | T\_VAHC | | FE-77 | | | AA 0502101631 00790 | | |
| 32°22'03.54"S 60°56'21.86"E | | | TS\_PRH (P) | | T\_MOTD | | FE-277 | | | AA 1648199206 00019 | | |
| 32°22'03.76"S 60°56'18.22"E | | | TS\_PRH (P) | | T\_VAHC | | FE-269 | | | AA 1899210606 00787 | | |
| 32°22'12.99"S 60°56'38.97"E | | | TS\_TIS (A) | | TIMEND | | FE-324 | | | AA 3069785503 00008 | | |
| 32°22'09.78"S 60°56'37.32"E | | | TS\_TIS (A) | | TIMSTA | | FE-325 | | | AA 2086451394 00007 | | |
| 32°22'06.88"S 60°56'36.53"E | | | TS\_TIS (A) | | TS\_TSV | | FE-78 | | | AA 1407484207 00789 | | |
| 32°22'16.80"S 60°56'40.77"E | | | TS\_TIS (A) | | T\_TINT | | FE-323 | | | AA 2227110976 00009 | | |
| 32°22'18.09"S 60°56'27.61"E | | | TS\_TIS (P) | | TIMEND | | FE-163 | | | AA 0225900949 00011 | | |
| 32°22'15.02"S 60°56'30.93"E | | | TS\_TIS (P) | | TIMSTA | | FE-162 | | | AA 2907249353 00010 | | |
| 32°22'15.17"S 60°56'27.43"E | | | TS\_TIS (P) | | TS\_TSV | | FE-161 | | | AA 2539569038 00788 | | |
| 32°22'17.99"S 60°56'31.47"E | | | TS\_TIS (P) | | T\_TINT | | FE-164 | | | AA 2100841927 00012 | | |
| 32°21'58.82"S 60°56'58.84"E | | | TWRTPT (A) | | ORIENT | | FE-84 | | | AA 2326947757 00771 | | |
| 32°21'59.14"S 60°56'06.36"E | | | TWRTPT (A) | | TRAFIC | | FE-318 | | | AA 2640865929 00021 | | |
| 32°22'02.94"S 60°56'51.70"E | | | T\_HMON (A) | | T\_MTOD | | FE-81 | | | AA 1708496115 00778 | | |
| 32°22'07.05"S 60°56'58.78"E | | | T\_HMON (A) | | T\_VAHC | | FE-71 | | | AA 0415272675 00001 | | |
| 32°21'59.37"S 60°56'23.66"E | | | T\_HMON (P) | | T\_MTOD | | FE-273 | | | AA 2901240749 00002 | | |
| 32°21'59.42"S 60°56'25.87"E | | | T\_HMON (P) | | T\_VAHC | | FE-267 | | | AA 1407206877 00783 | | |
| 32°22'03.05"S 60°56'46.58"E | | | T\_NHMN (A) | | T\_MOTD | | FE-21 | | | AA 0000004499 00001 | | |
| 32°22'03.02"S 60°56'42.88"E | | | T\_NHMN (A) | | T\_THDF | | FE-329 | | | AA 2667706400 00777 | | |
| 32°21'56.14"S 60°56'22.97"E | | | T\_NHMN (P) | | T\_MOTD | | FE-125 | | | AA 0737998458 00782 | | |
| 32°21'56.14"S 60°56'23.79"E | | | T\_NHMN (P) | | T\_THDF | | FE-336 | | | AA 0000004496 00001 | | |
| 32°22'07.84"S 60°56'28.63"E | | | T\_TIMS (A) | | TIMEND | | FE-187 | | | AA 3510962575 00004 | | |
| 32°22'04.45"S 60°56'28.41"E | | | T\_TIMS (A) | | TIMSTA | | FE-188 | | | AA 0503017793 00003 | | |
| 32°22'02.82"S 60°56'36.54"E | | | T\_TIMS (A) | | T\_HWLW | | FE-82 | | | AA 0472138330 00776 | | |
| 32°21'57.81"S 60°56'27.12"E | | | T\_TIMS (P) | | TIMEND | | FE-275 | | | AA 3896716616 00006 | | |
| 32°21'57.82"S 60°56'25.03"E | | | T\_TIMS (P) | | TIMSTA | | FE-274 | | | AA 2586642892 00005 | | |
| 32°21'57.87"S 60°56'23.28"E | | | T\_TIMS (P) | | T\_HWLW | | FE-266 | | | AA 1093789484 00781 | | |
| 32°21'44.49"S 60°56'30.17"E | | | UWTROC (P) | | VALSOU | | FE-262 | | | AA 1221847555 00769 | | |
| 32°21'44.53"S 60°56'28.47"E | | | UWTROC (P) | | WATLEV | | FE-278 | | | AA 1611396399 00022 | | |
| 32°22'09.07"S 60°55'28.43"E | | | VEGATN (A) | | CATVEG | | FE-294 | | | AA 3941330791 00762 | | |
| 32°22'08.55"S 60°55'48.47"E | | | VEGATN (L) | | CATVEG | | FE-232 | | | AA 0459192231 00765 | | |
| 32°22'08.53"S 60°55'38.77"E | | | VEGATN (P) | | CATVEG | | FE-261 | | | AA 0548086024 00767 | | |
| 32°21'59.00"S 60°57'14.35"E | | | WATTUR (A) | | CATWAT | | FE-83 | | | AA 1924254210 00775 | | |
| 32°21'47.97"S 60°56'18.97"E | | | WATTUR (L) | | CATWAT | | FE-252 | | | AA 1253777898 00774 | | |
| 32°21'48.16"S 60°56'30.22"E | | | WATTUR (P) | | CATWAT | | FE-263 | | | AA 2779478238 00772 | | |
| 32°21'55.40"S 60°57'12.92"E | | | WRECKS (A) | | WATLEV | | FE-13 | | | AA 0497213196 00700 | | |
| 32°21'55.27"S 60°57'17.67"E | | | WRECKS (A) | | CATWRK or VALSOU | | FE-317 | | | AA 1742960488 00023 | | |
| 32°21'50.52"S 60°56'29.43"E | | | WRECKS (P) | | WATLEV | | FE-264 | | | AA 2845512732 00773 | | |
| 32°21'50.49"S 60°55'27.02"E | | | WRECKS (P) | | CATWRK or VALSOU | | FE-65 | | | AA 2088746596 00024 | | |
| 32°23'57.89"S 60°57'41.83"E | | | M\_ACCY (A) | | HORACC or VERACC or POSACC or SOUACC | | FE-214 | | | AA 4033705290 00515 | | |
| 32°22'23.00"S 60°57'24.00"E | | | M\_COVR (A) | | CATCOV | | FE-27 | | | AA 3590138225 00512 | | |
| 32°23'34.27"S 60°56'16.59"E | | | M\_CSCL (A) | | CSCALE | | FE-114 | | | AA 3073058875 00516 | | |
| 32°20'58.98"S 60°56'14.81"E | | | M\_HOPA (A) | | HORDAT | | FE-186 | | | AA 0856737993 00025 | | |
| 32°20'41.47"S 60°55'35.86"E | | | M\_HOPA (A) | | SHIPAM | | FE-296 | | | AA 1454411558 00514 | | |
| 32°22'23.00"S 60°57'24.00"E | | | M\_NSYS (A) | | MARSYS or ORIENT | | FE-30 | | | AA 2872677333 00517 | | |
| 32°22'23.00"S 60°57'24.00"E | | | M\_QUAL (A) | | CATZOC | | FE-31 | | | AA 2002823473 00518 | | |
| 32°24'10.26"S 60°55'37.68"E | | | M\_QUAL (A) | | CATZOC | | FE-104 | | | AA 1672053999 00511 | | |
| 32°21'38.48"S 60°58'15.50"E | | | M\_SDAT (A) | | VERDAT | | FE-20 | | | AA 2249281725 00513 | | |
| 32°20'45.23"S 60°58'37.20"E | | | M\_VDAT (A) | | VERDAT | | FE-70 | | | AA 2799241114 00003 | | |
| **Screen Capture** | | |  | |  | |  | | |  | | |
| **Expected Test Results** | | 507: 220 Errors “Mandatory attributes are not encoded“ must be triggered. | | | | | | | | | | |
| **Secondary Critical Errors** | | 42: additional errors ”Group 1 coverage is not correct, a hole or an overlap exists” must be triggered.  500: additional errors ”Object fall outside coverage object” must be triggered.  505: An additional error “mandatory meta object classes - no M\_NSYS meta objects with MARSYS set to an explicit value exist in the dataset” must be triggered.  519a: additional errors ” Skin of the earth (Group1) objects do not cover the data coverage (M\_COVR = 1).” must be triggered.  566: additional errors “NEWOBJ feature object with the attributes CLSDEF, CLSNAM and SYMINS not populated” must be triggered. | | | | | | | | | | |