

Appendix II Species Distribution Maps

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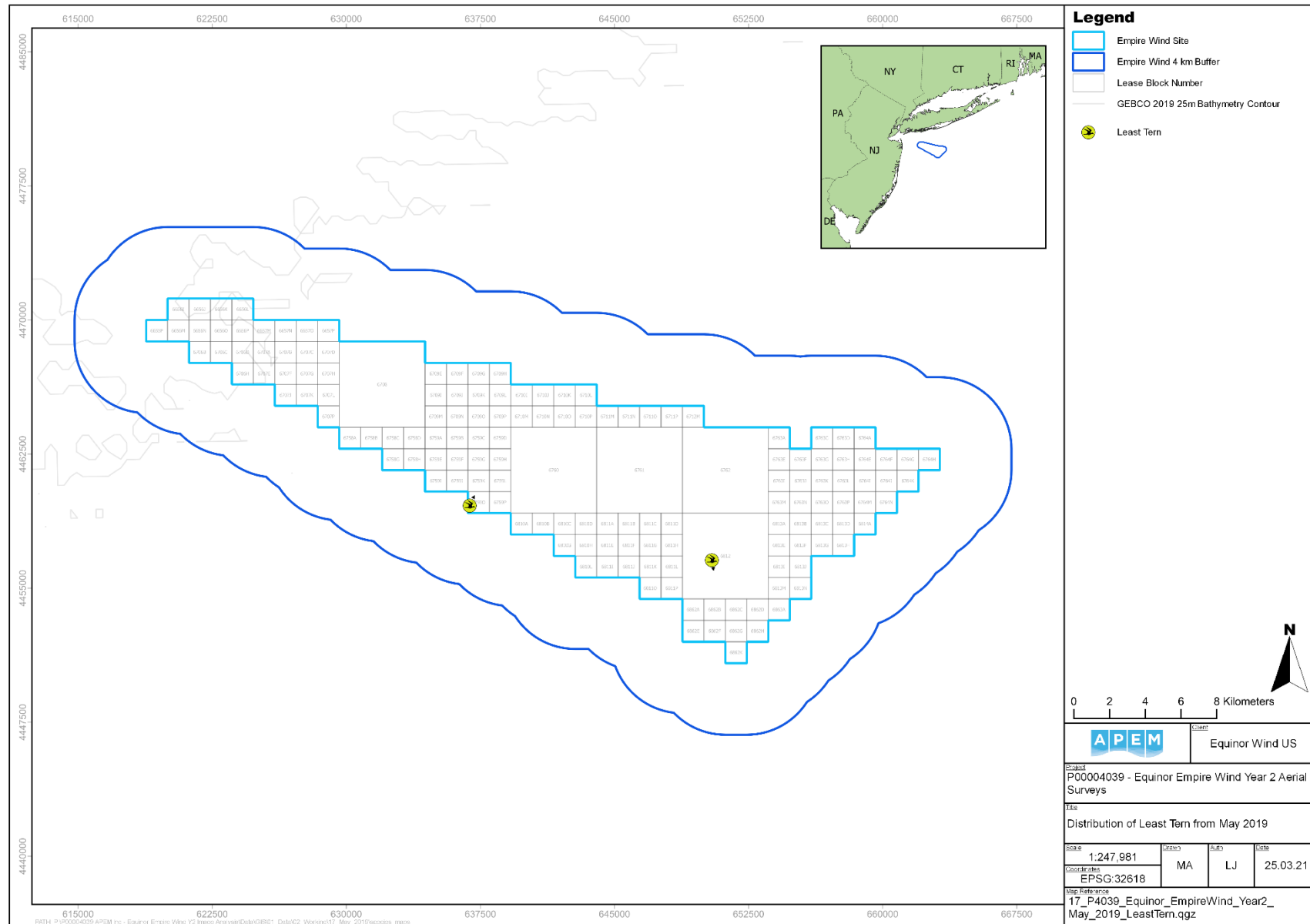


Figure 1 Distribution of least tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

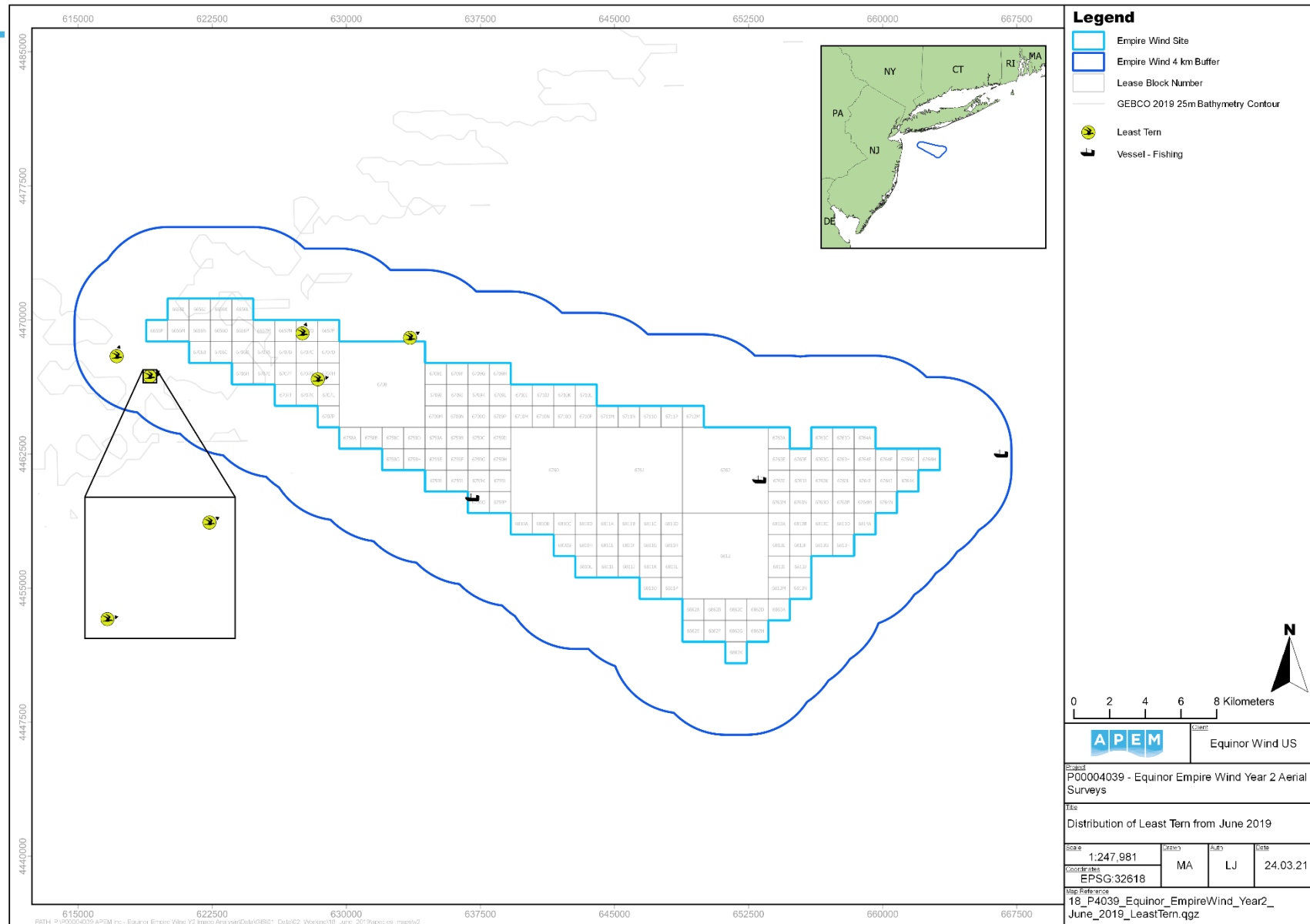


Figure 2 Distribution of least tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

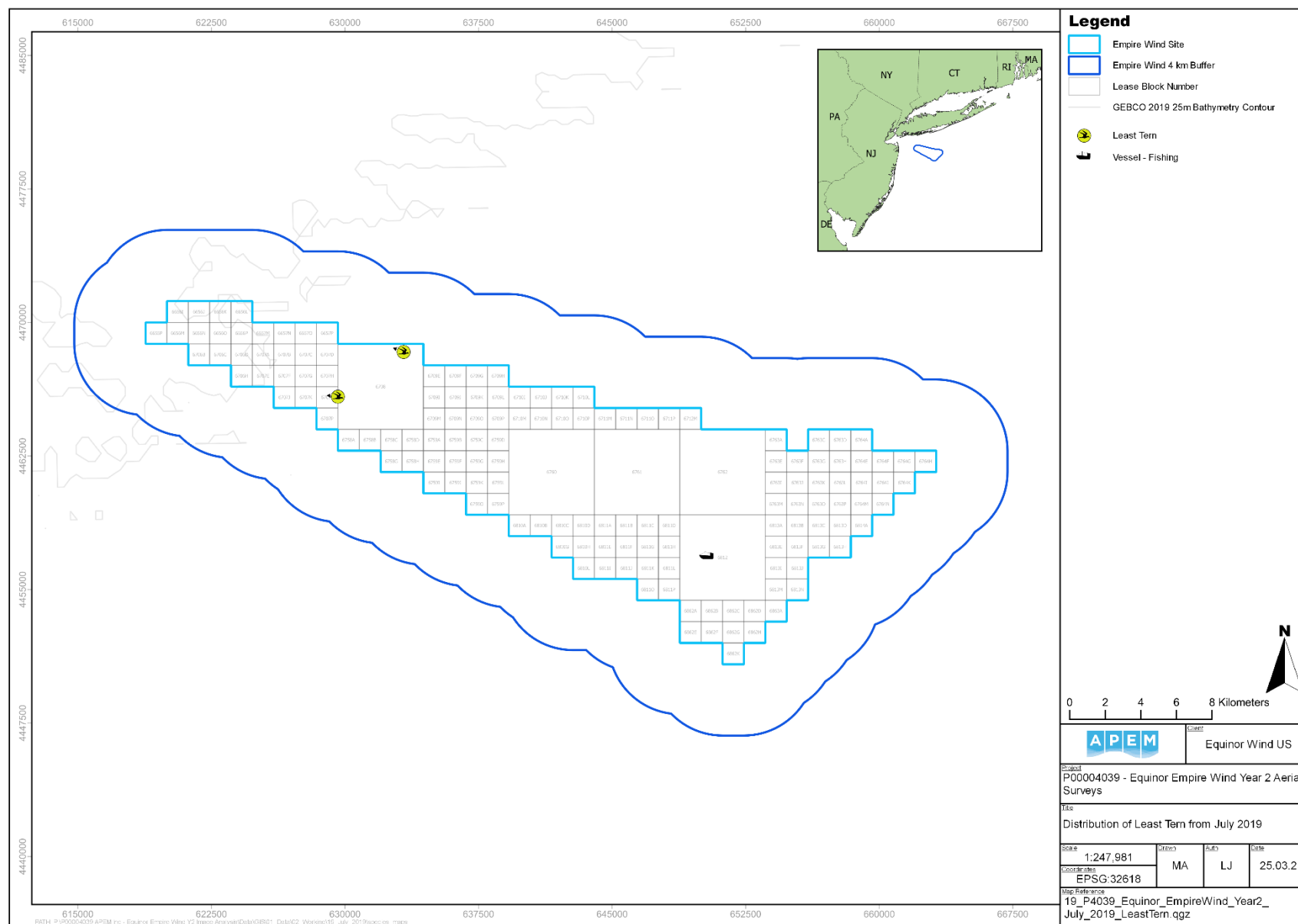


Figure 3 Distribution of least tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

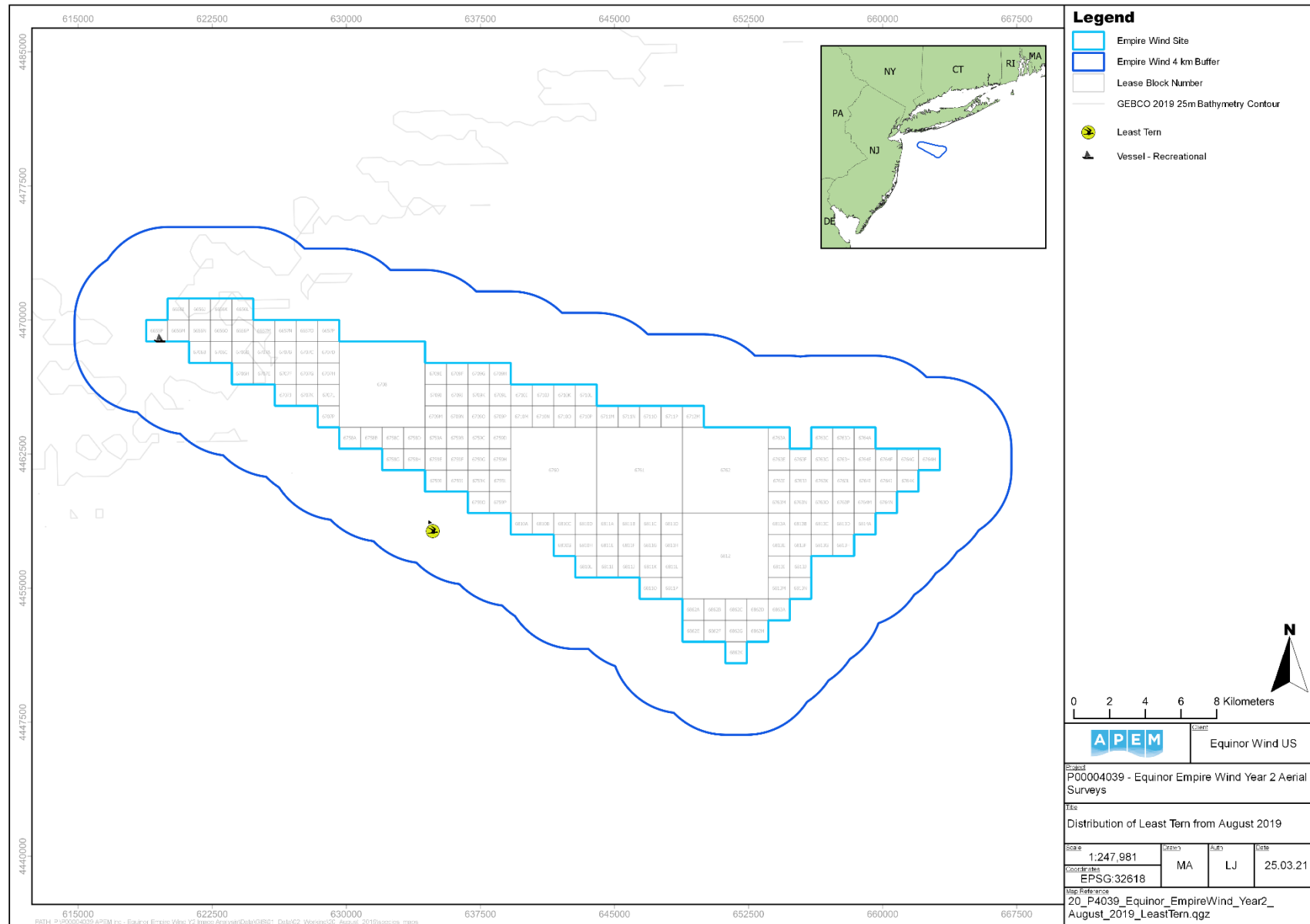


Figure 4 Distribution of least tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

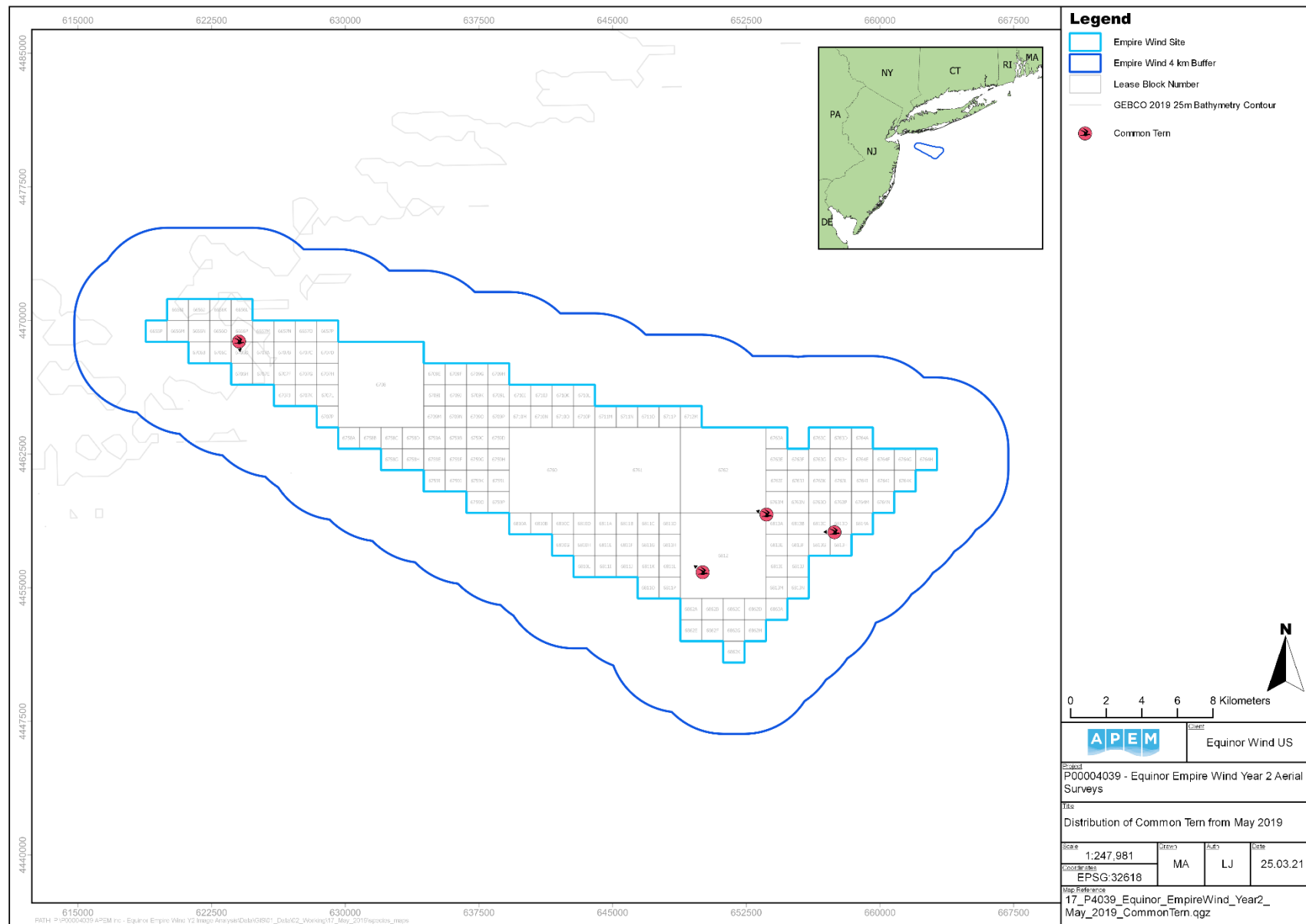


Figure 5 Distribution of common tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

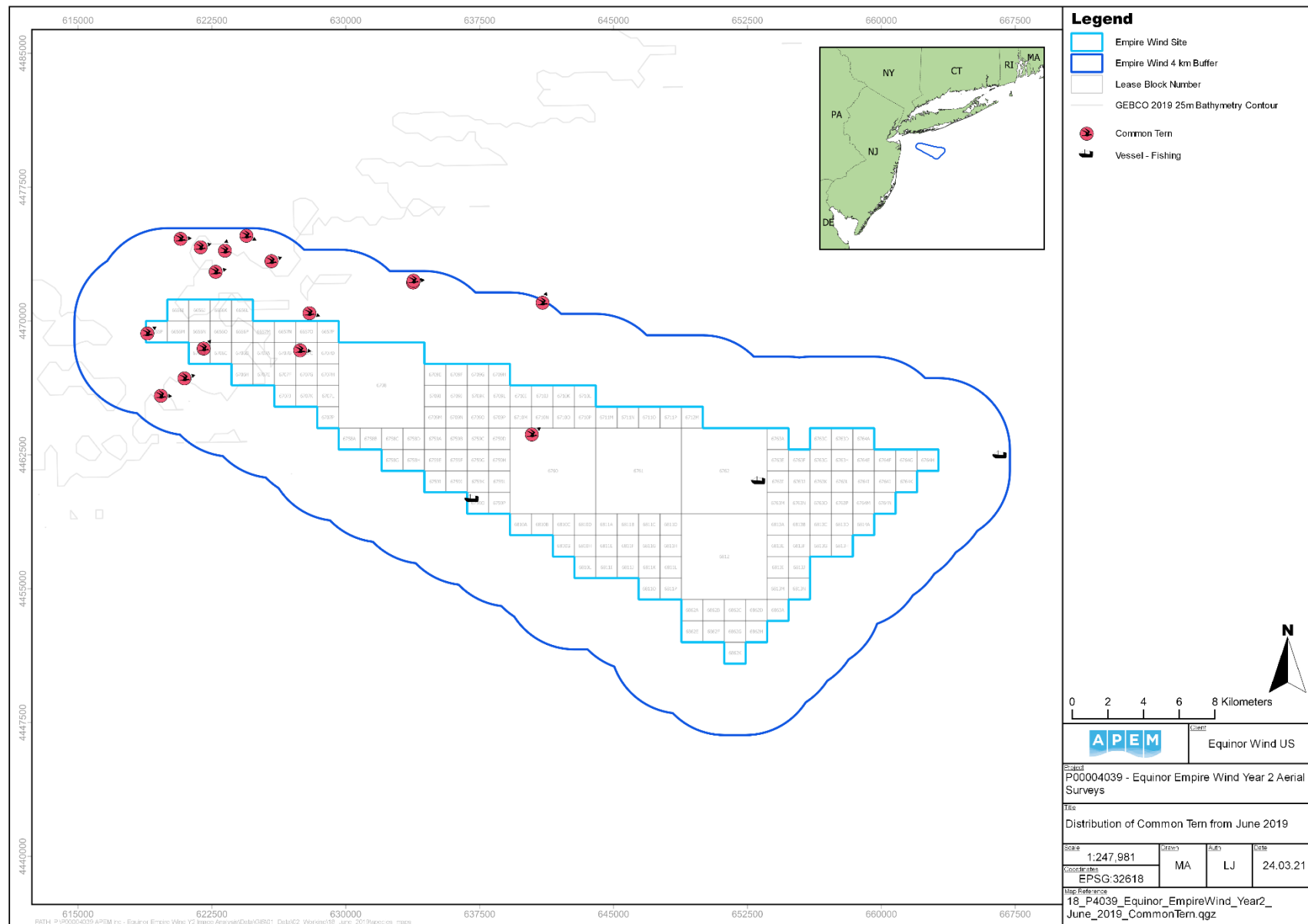


Figure 6 Distribution of common tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

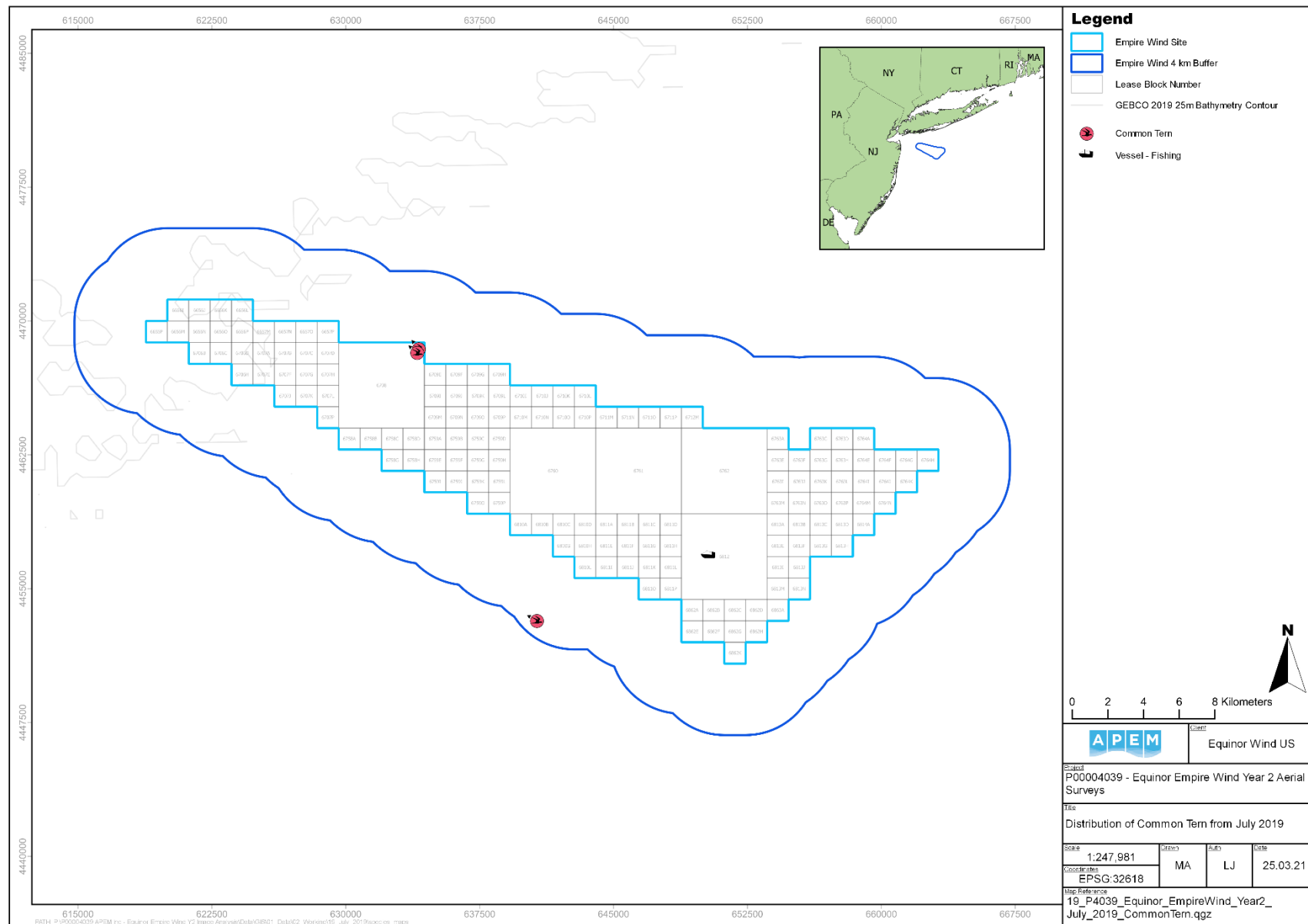


Figure 7 Distribution of common tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

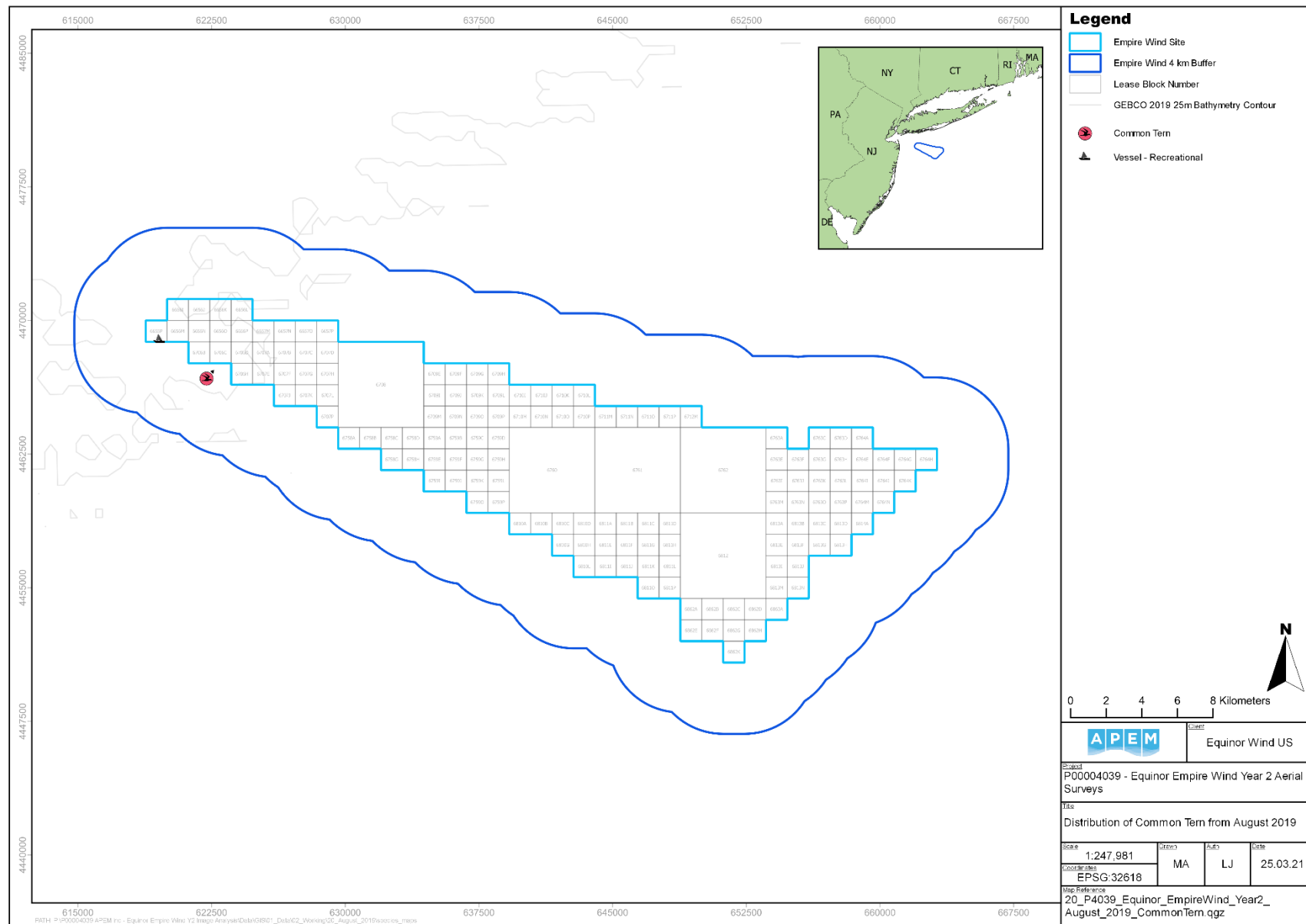


Figure 8

Distribution of common tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

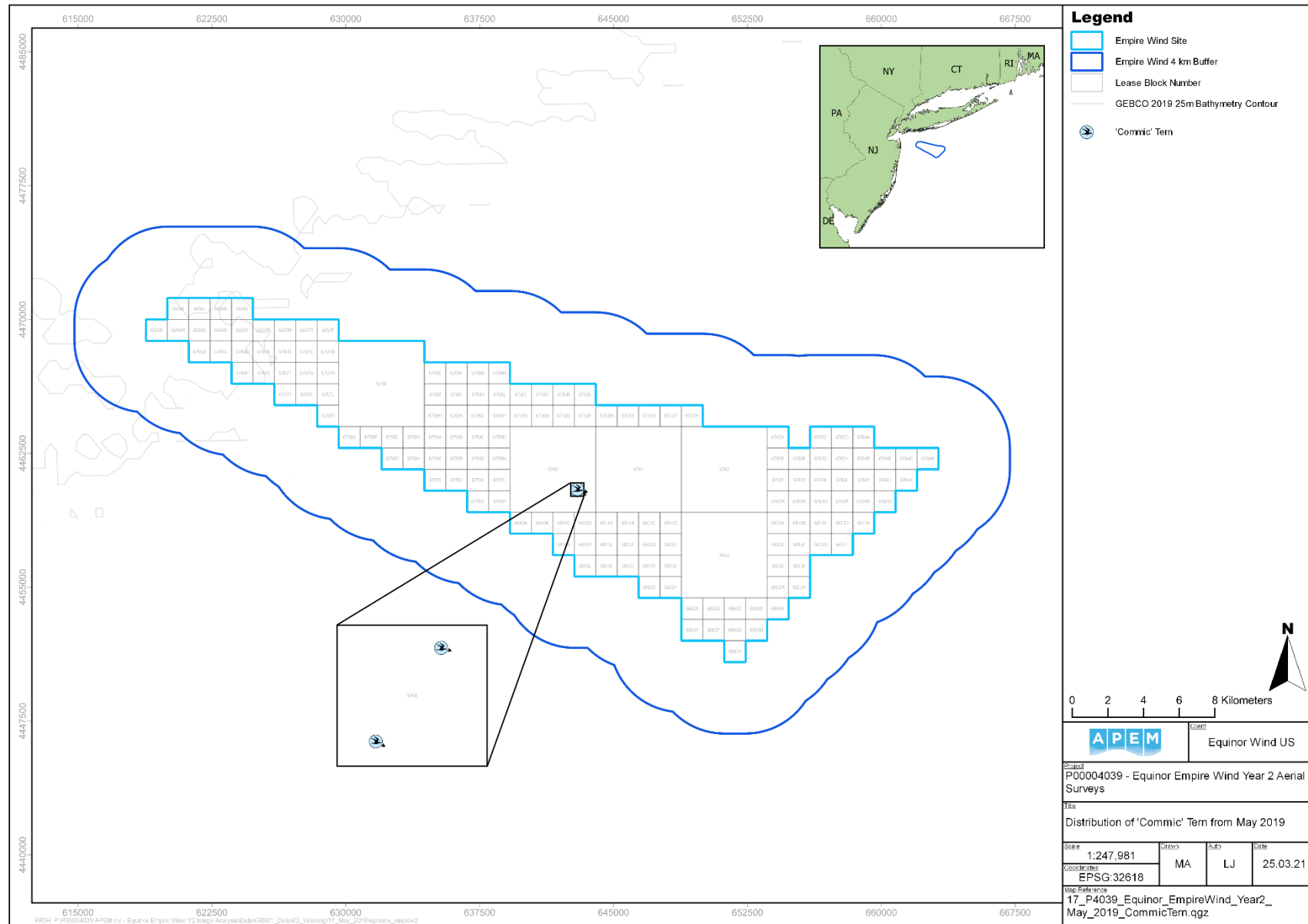


Figure 9 Distribution of 'commic' tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

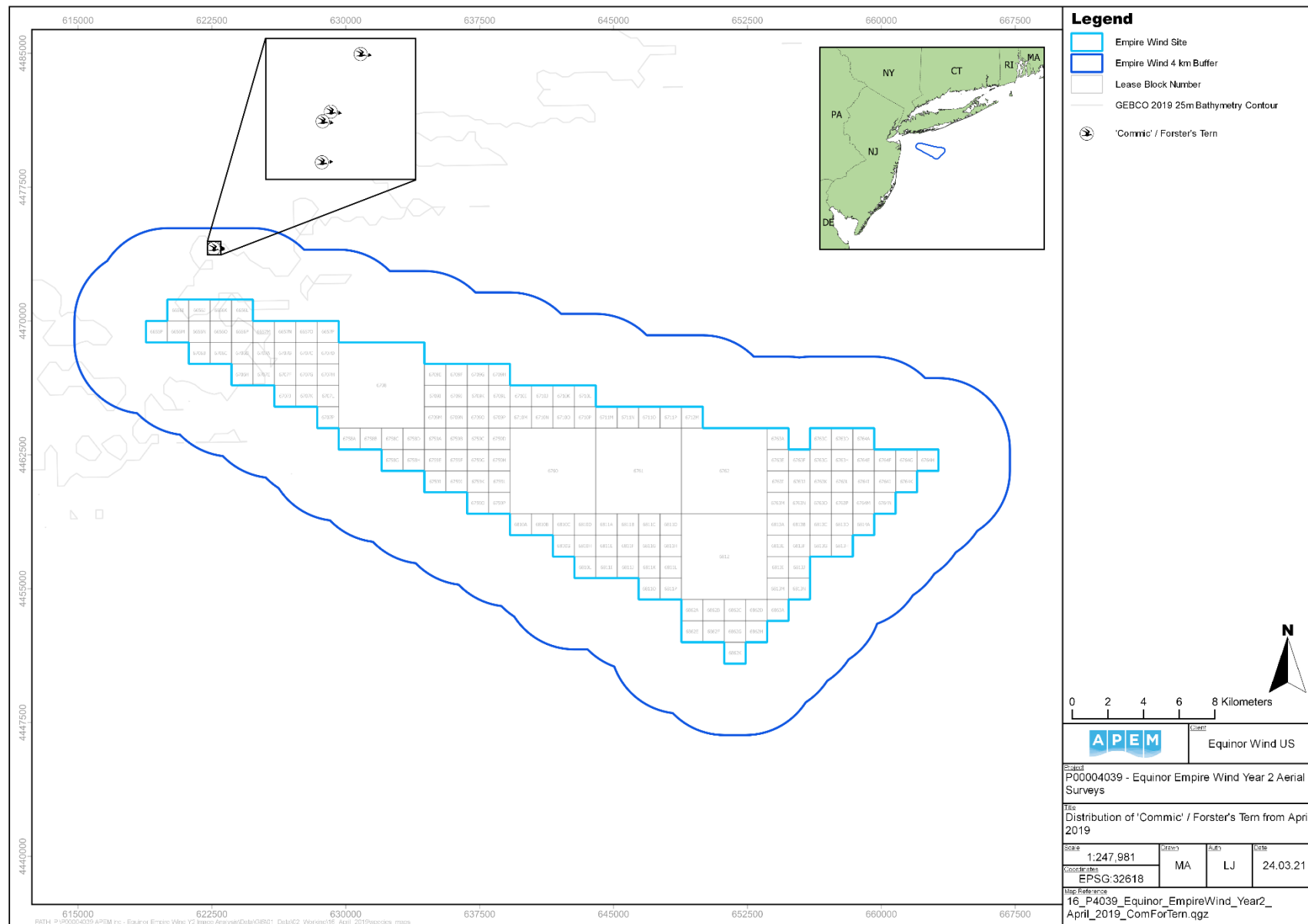


Figure 10 Distribution of 'commic' / Forster's tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

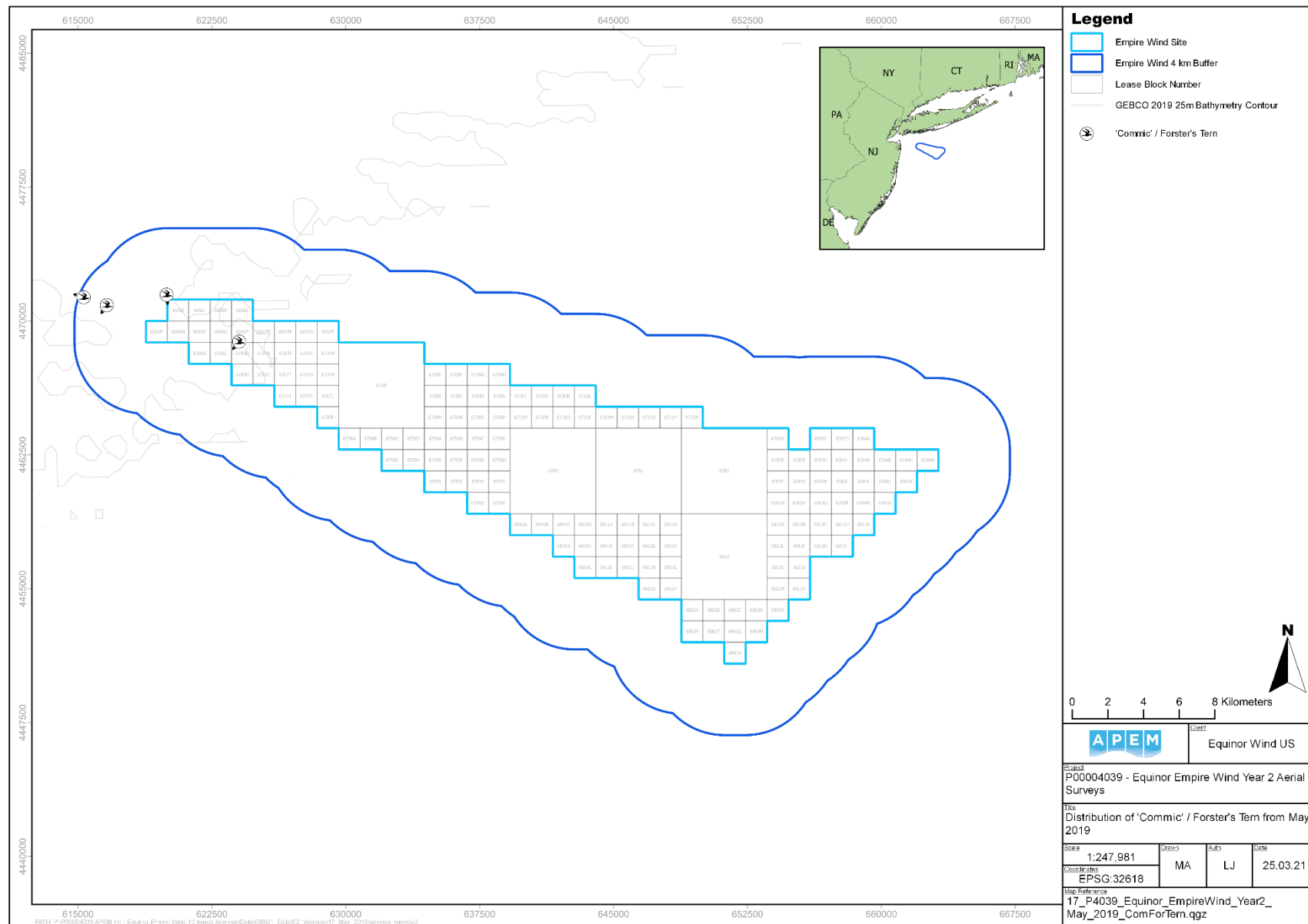


Figure 11 Distribution of 'commic' / Forster's tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

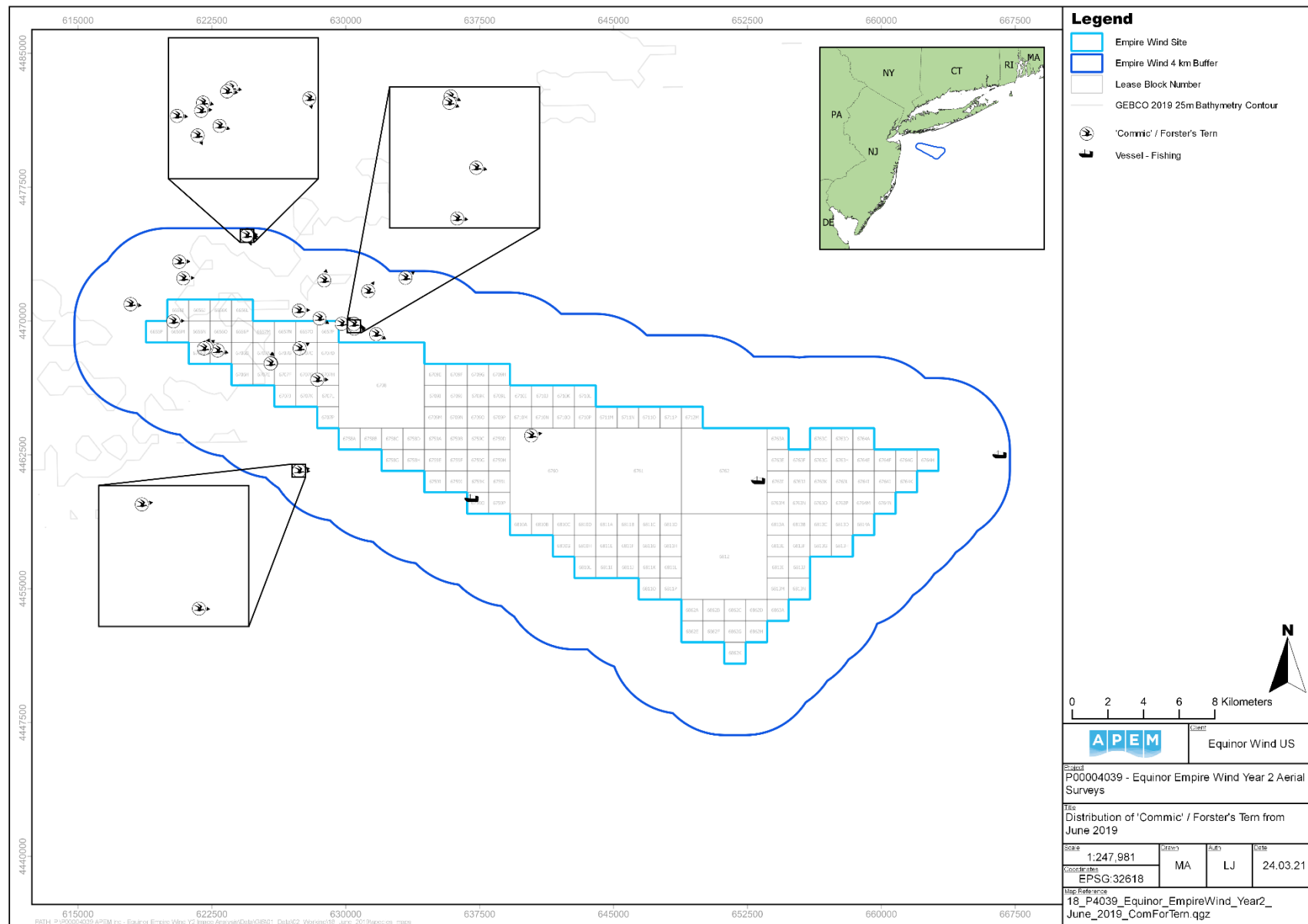


Figure 12 Distribution of 'commic' / Forster's tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

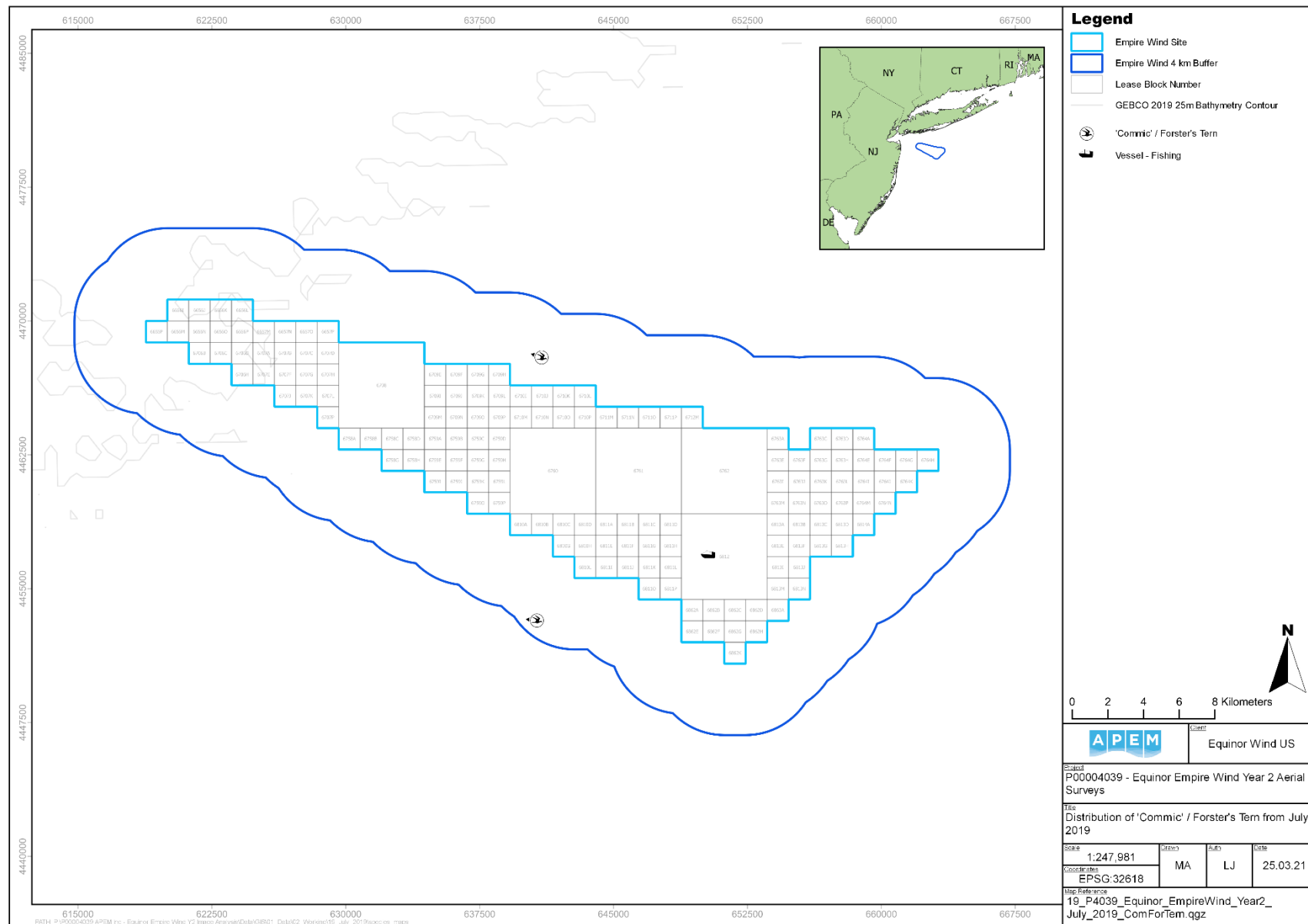


Figure 13 Distribution of 'commic' / Forster's tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

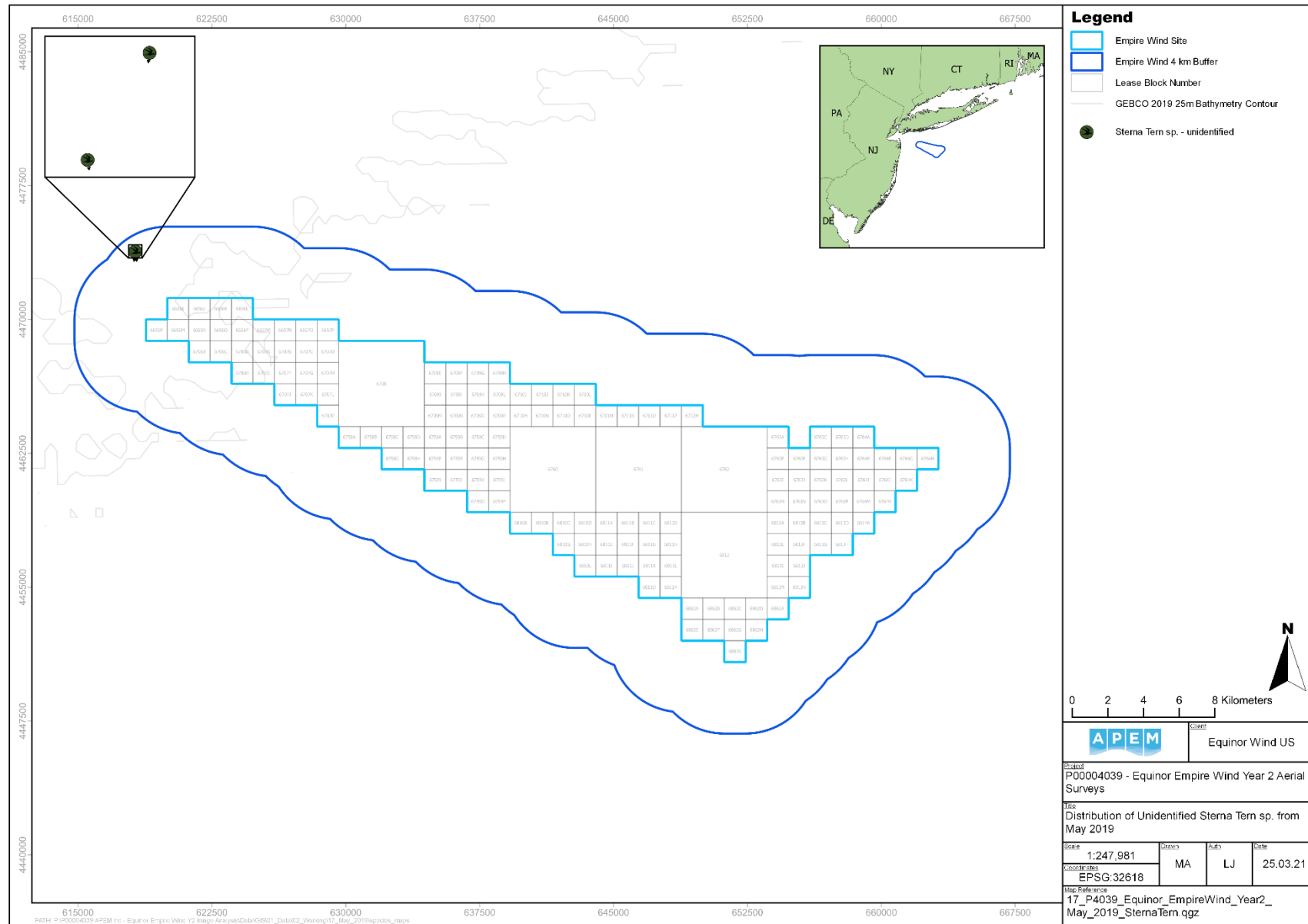


Figure 14 Distribution of unidentified Sterna tern species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

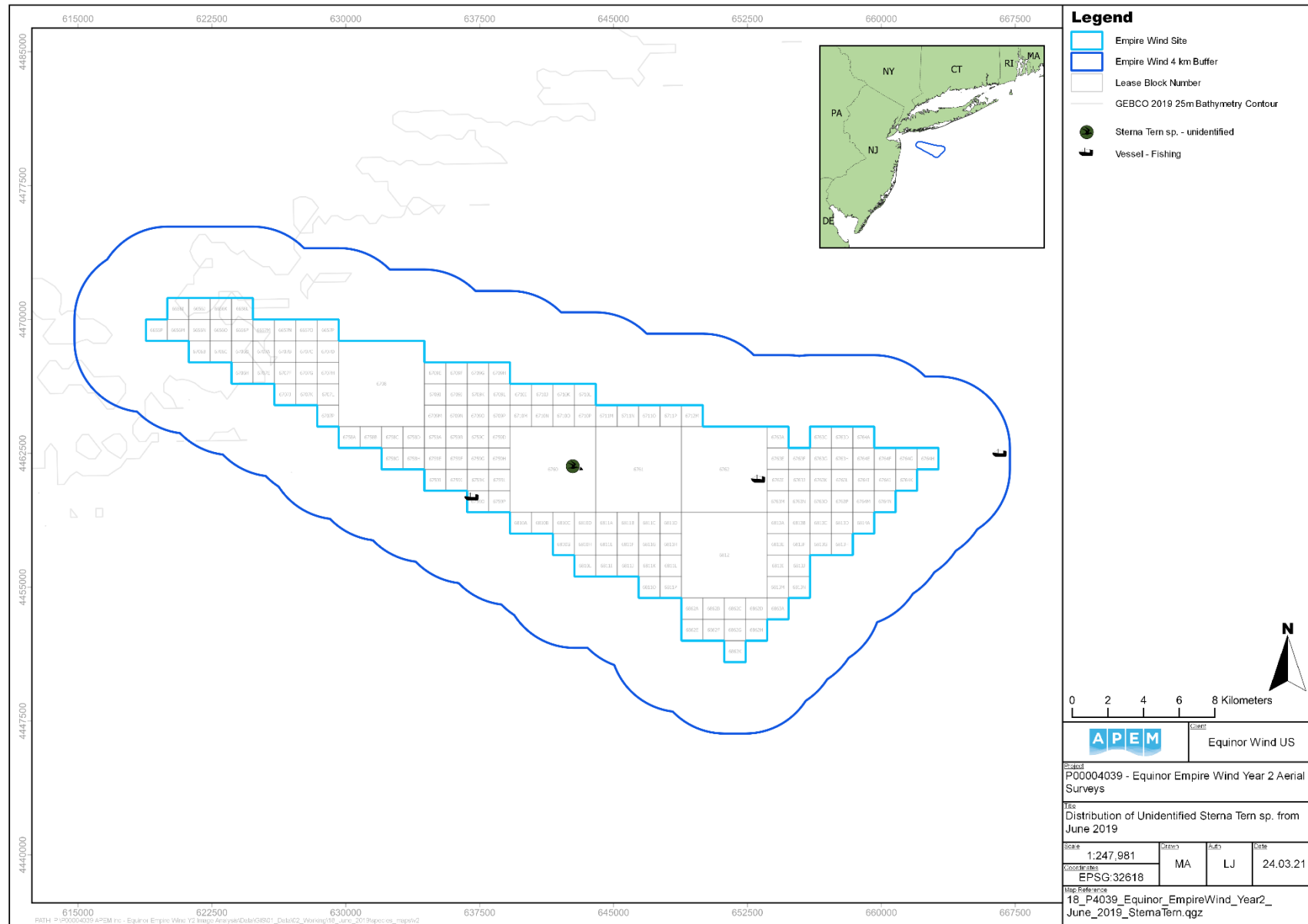


Figure 15 Distribution of unidentified Sterna tern species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

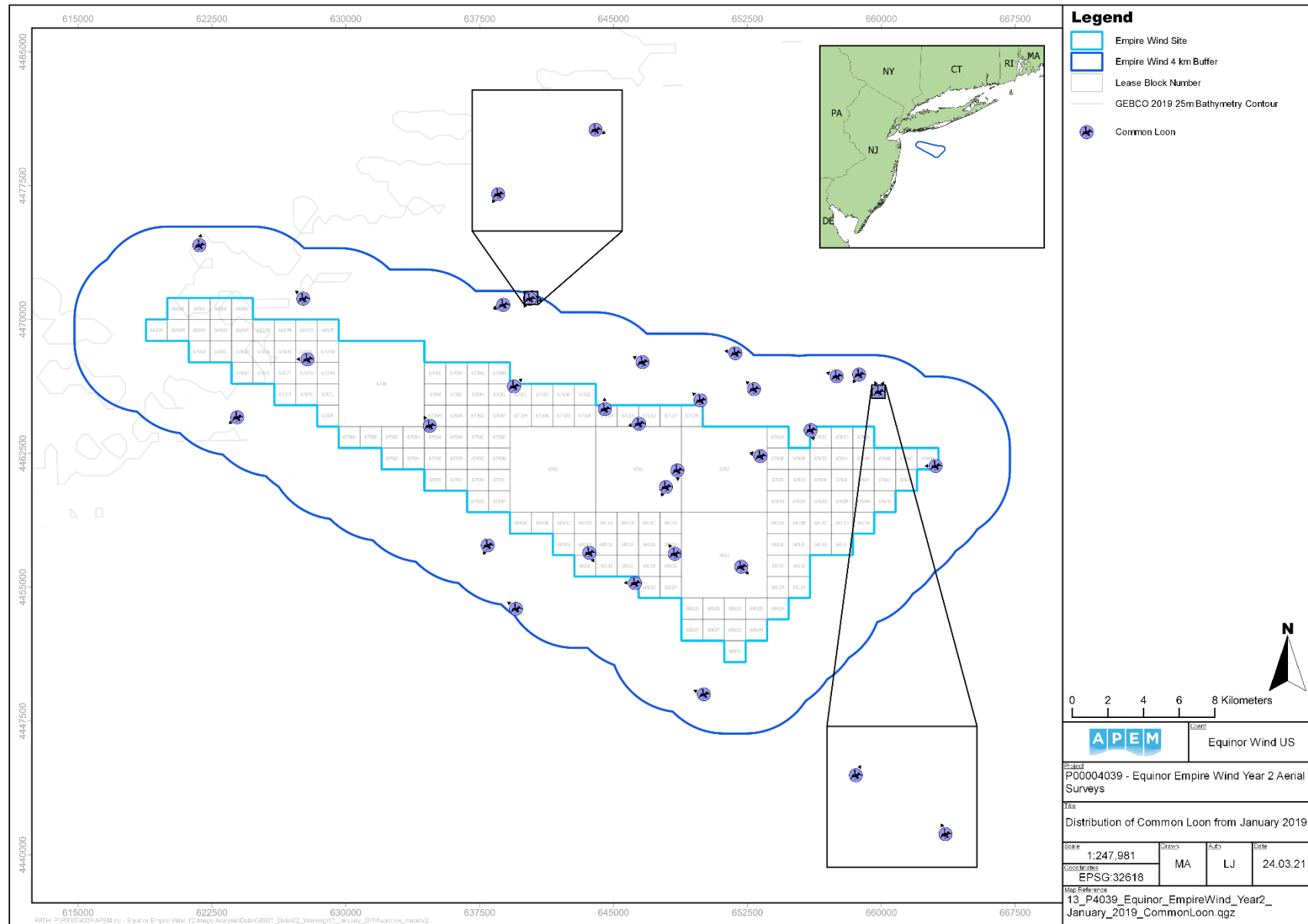


Figure 16 Distribution of common loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 13

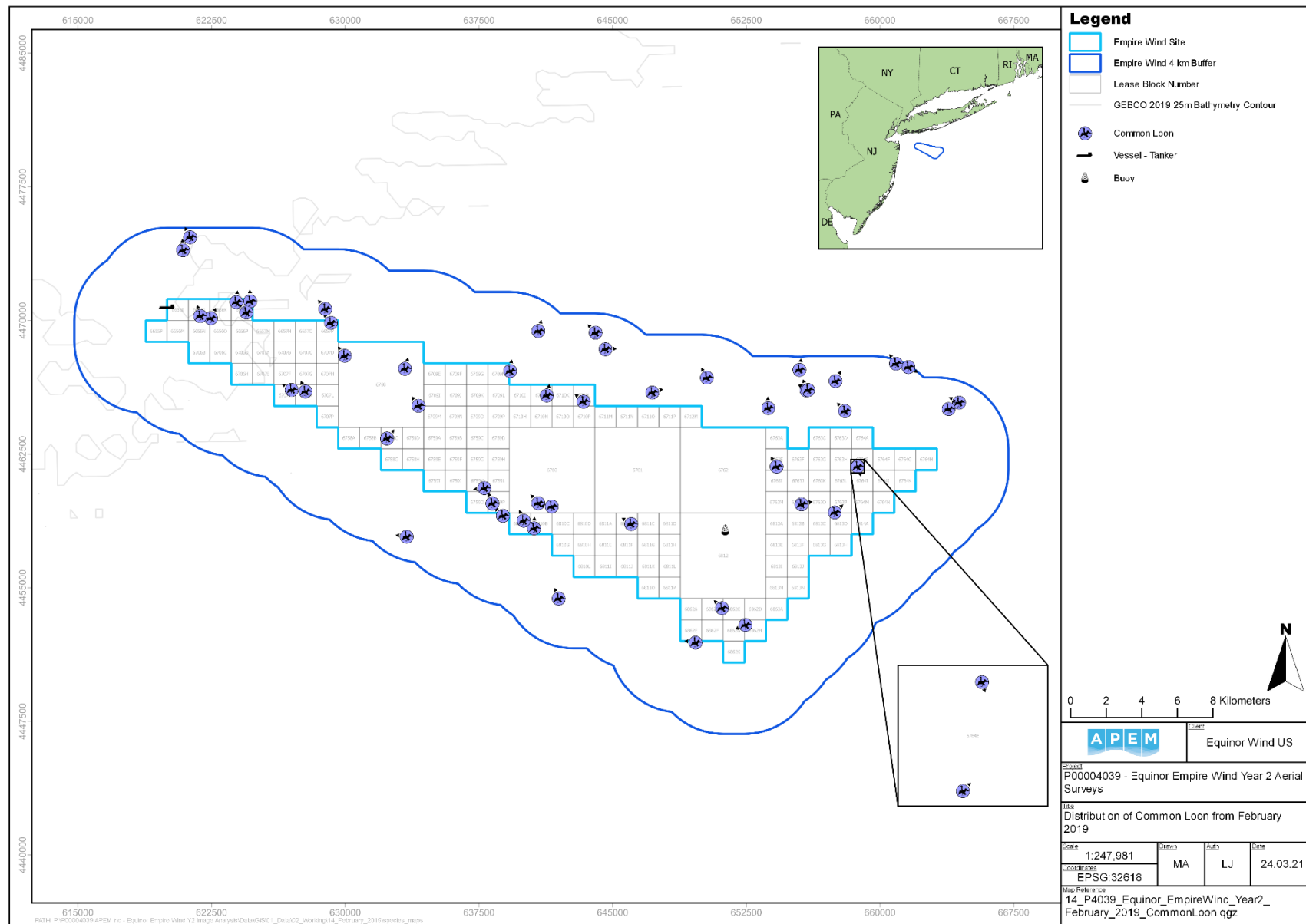


Figure 17 Distribution of common loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

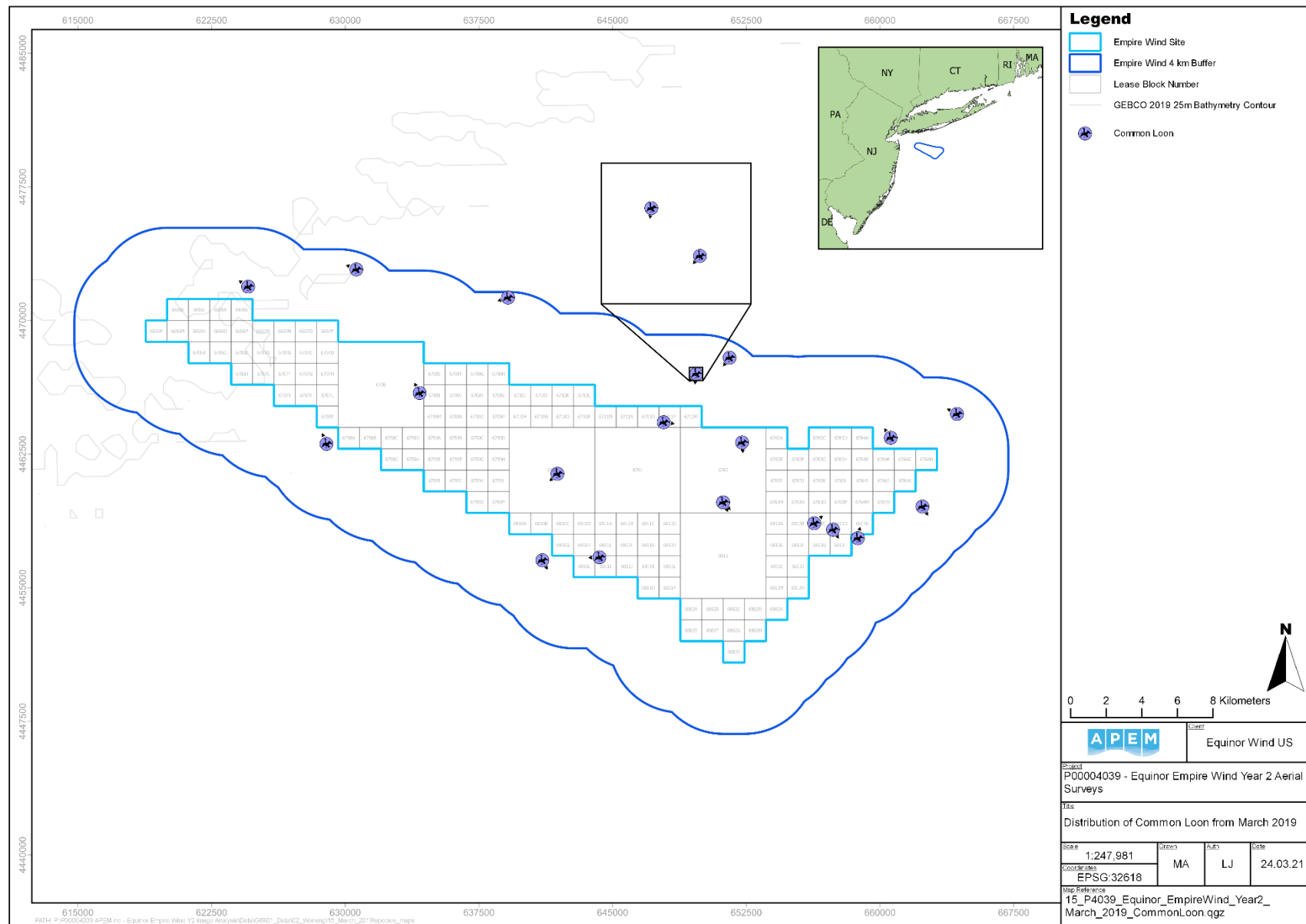


Figure 18 Distribution of common loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

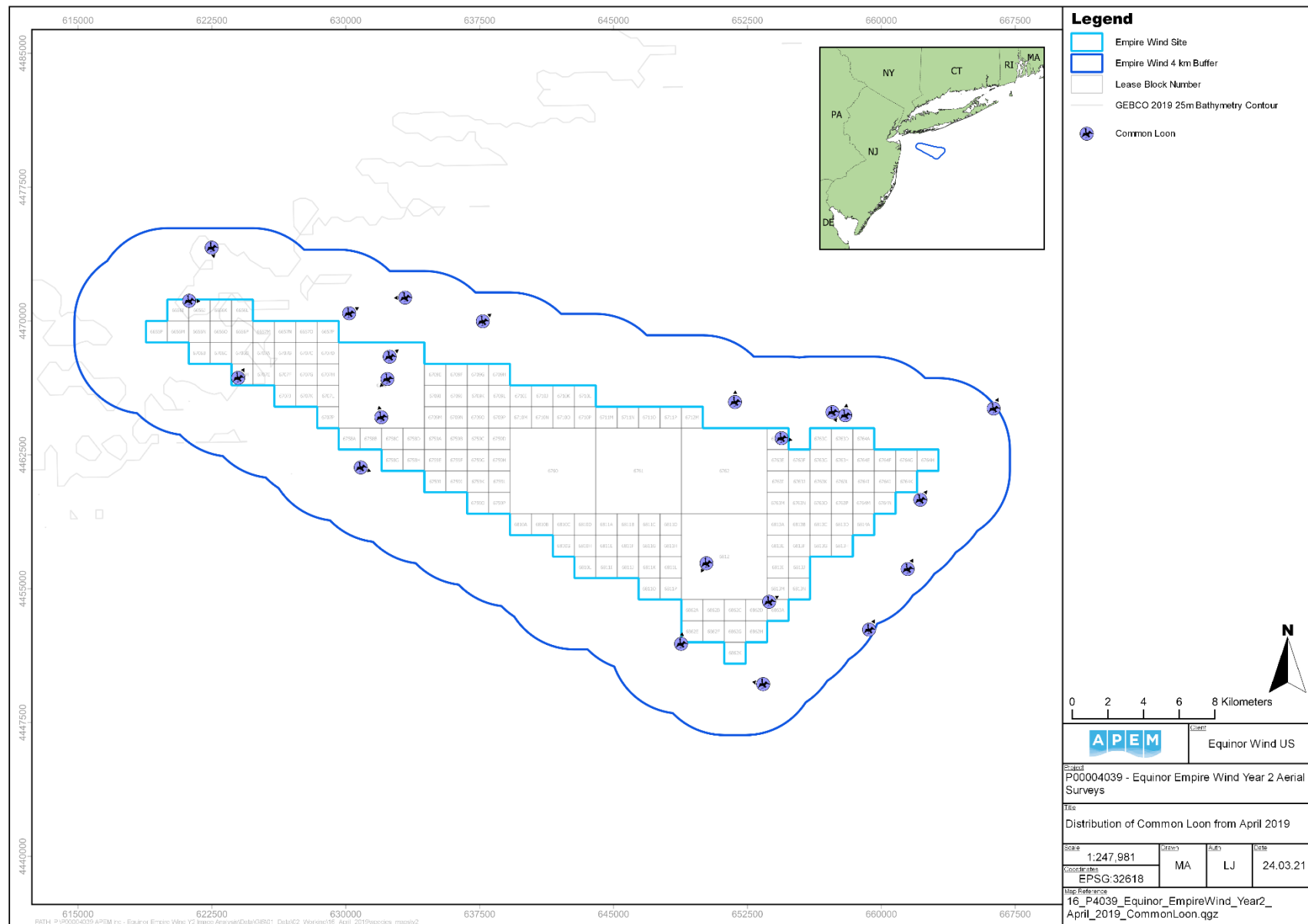


Figure 19 Distribution of common loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

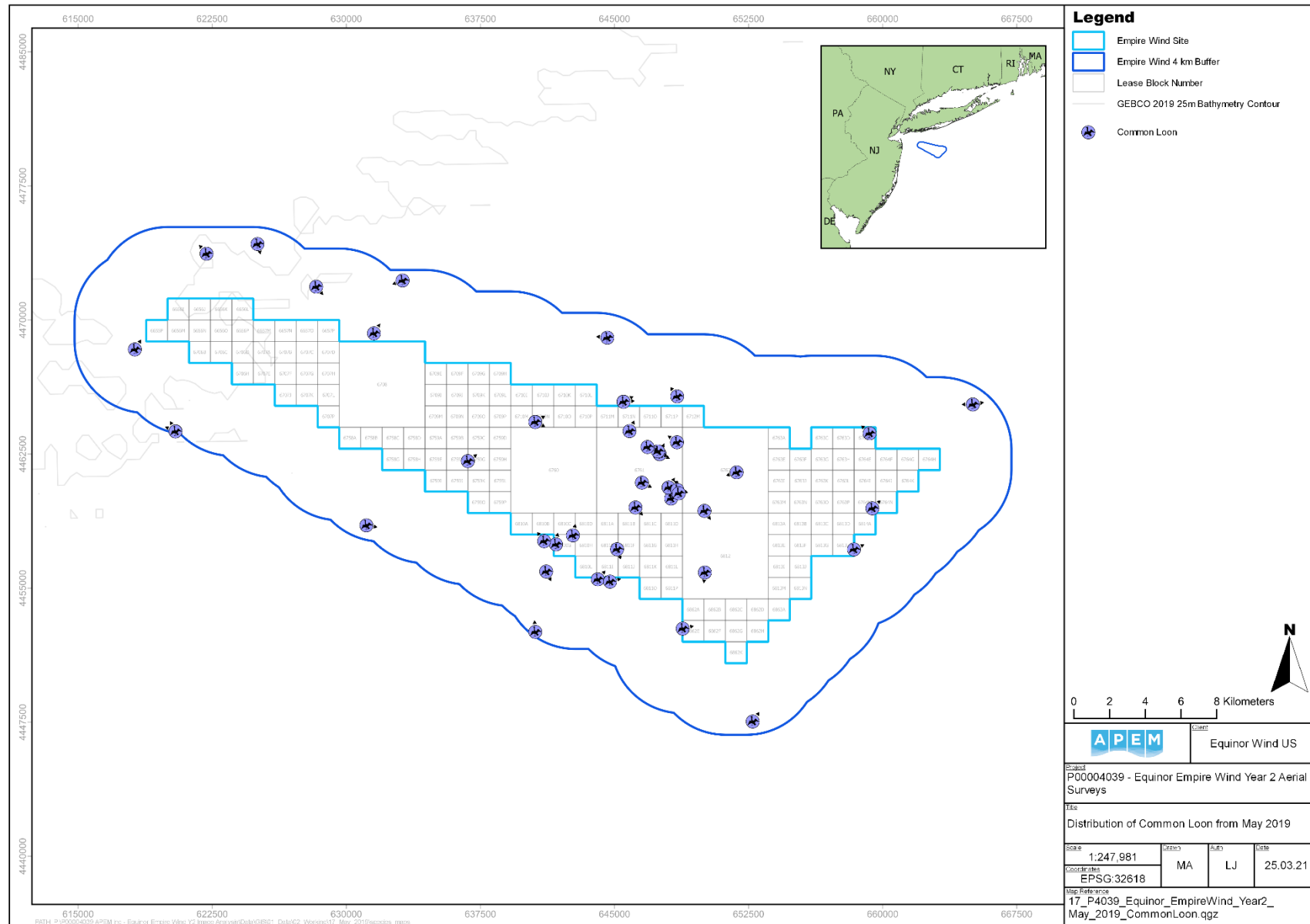


Figure 20 Distribution of common loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

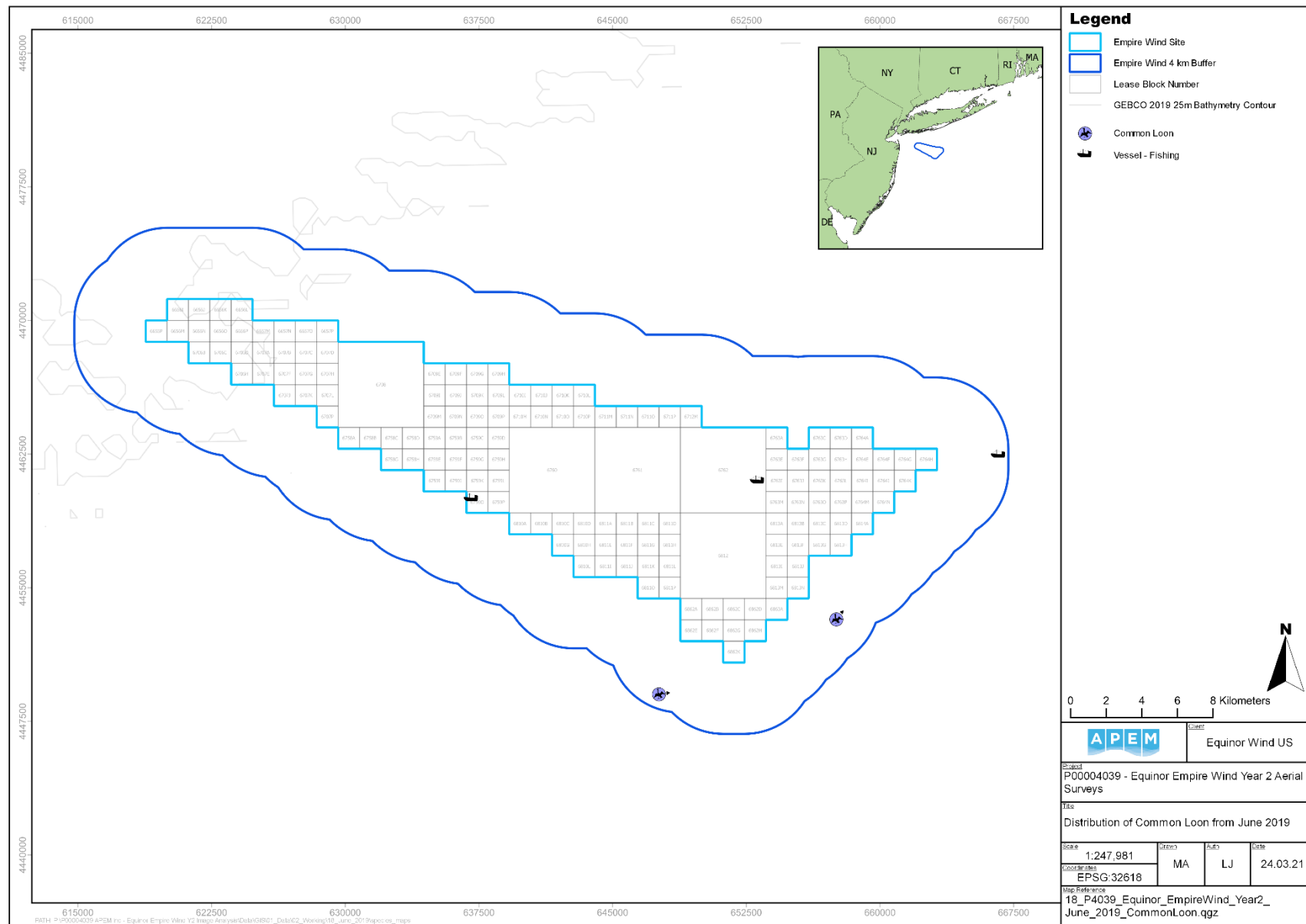


Figure 21 Distribution of common loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

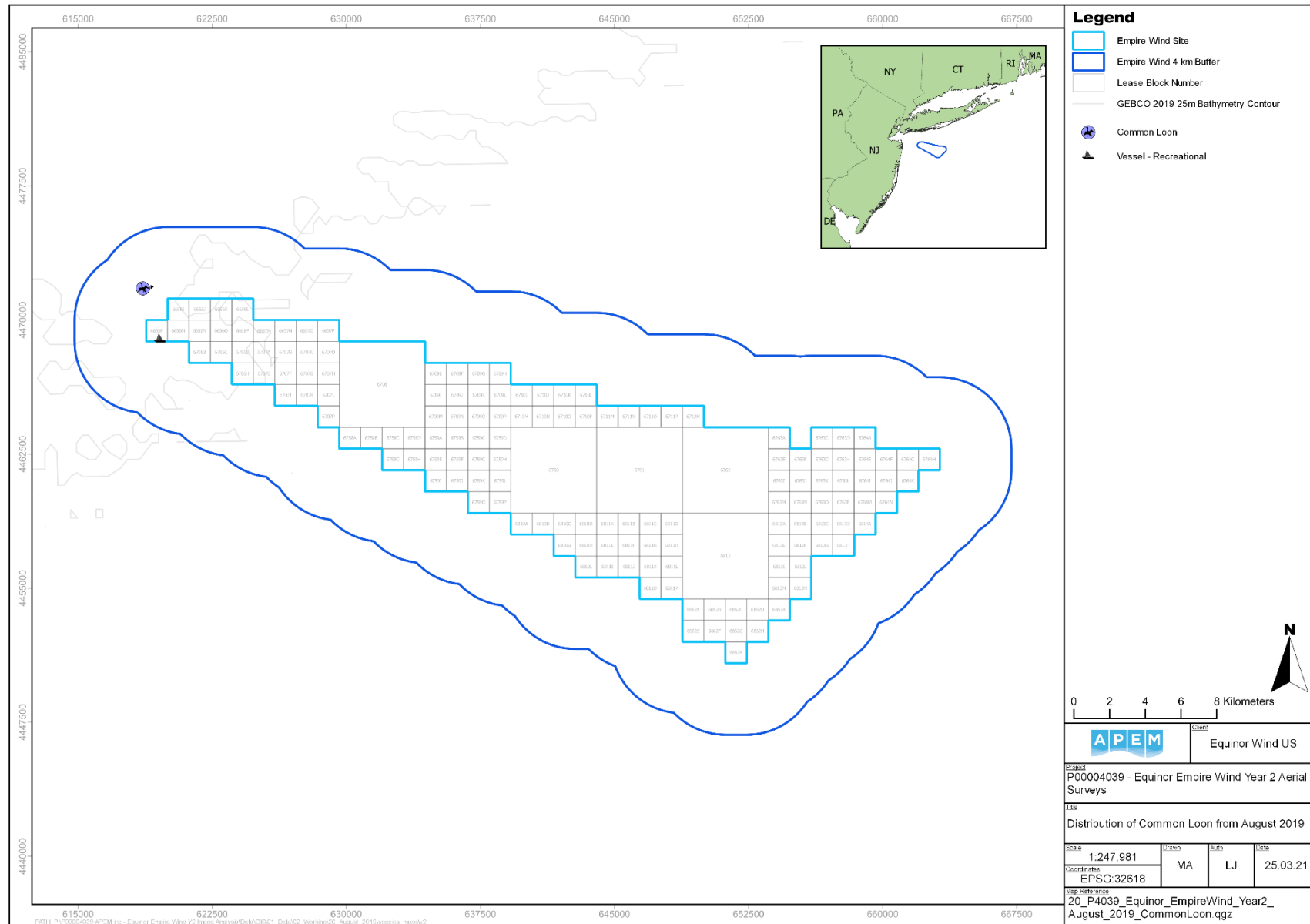


Figure 22 Distribution of common loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

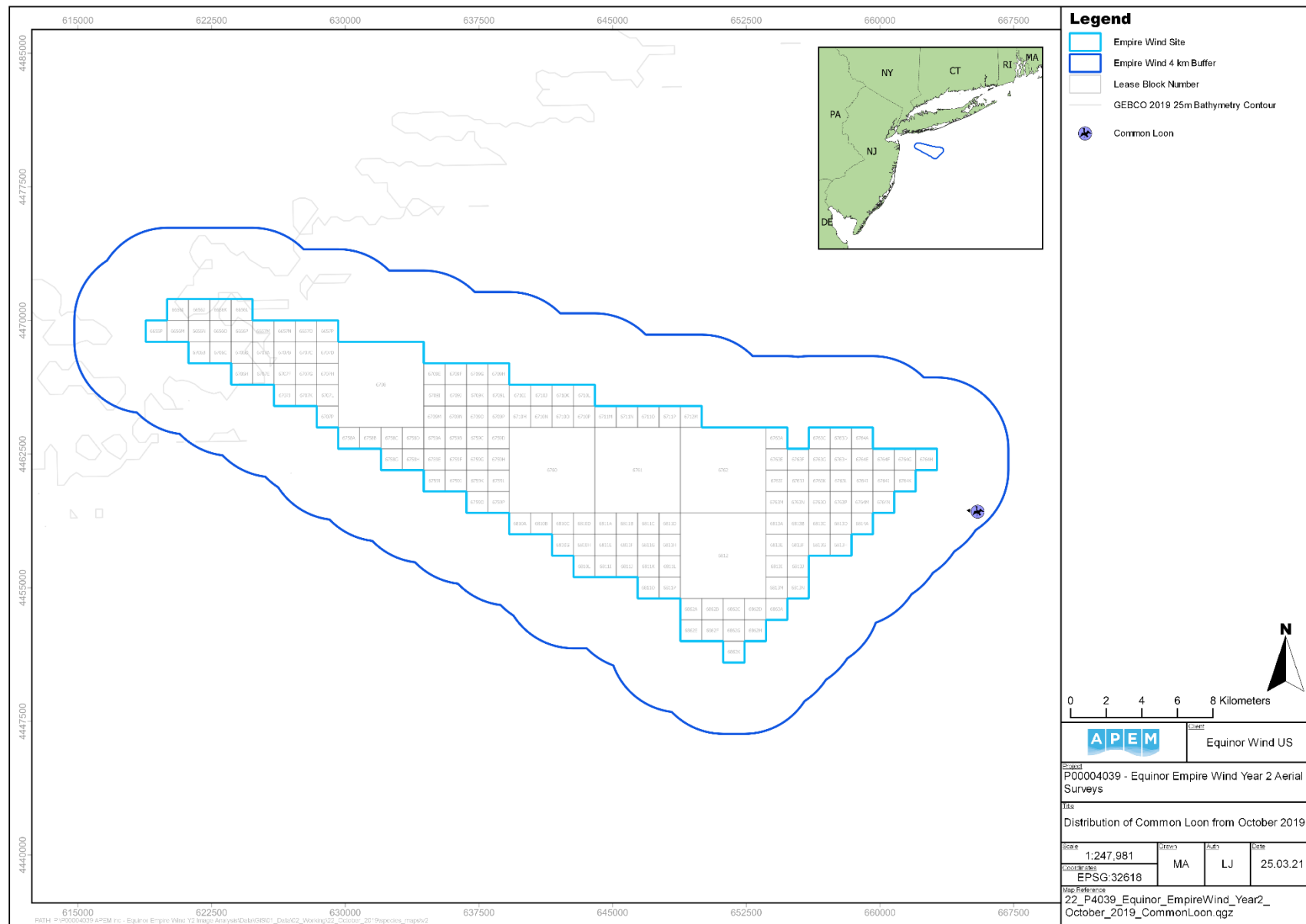


Figure 23 Distribution of common loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

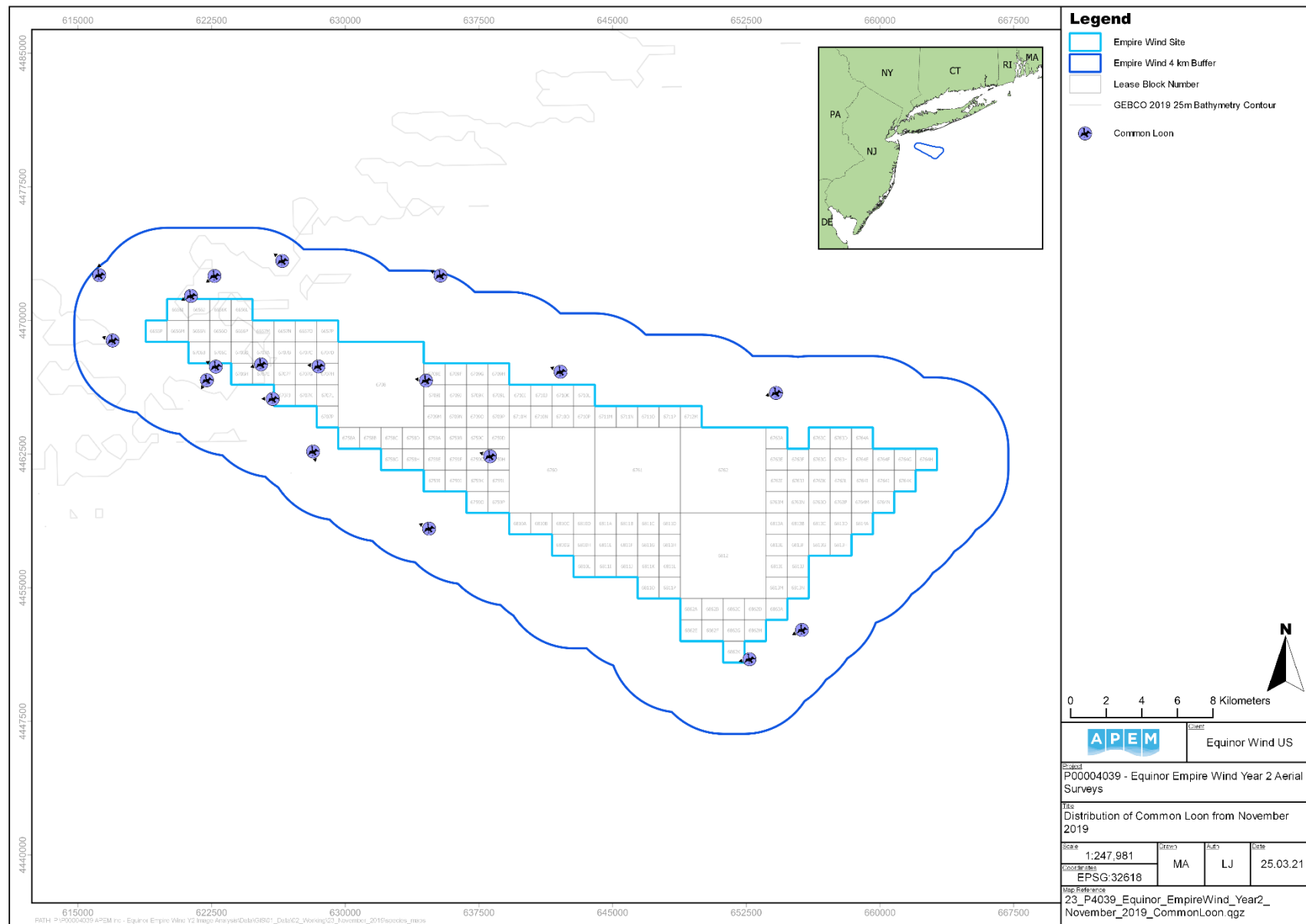


Figure 24 Distribution of common loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

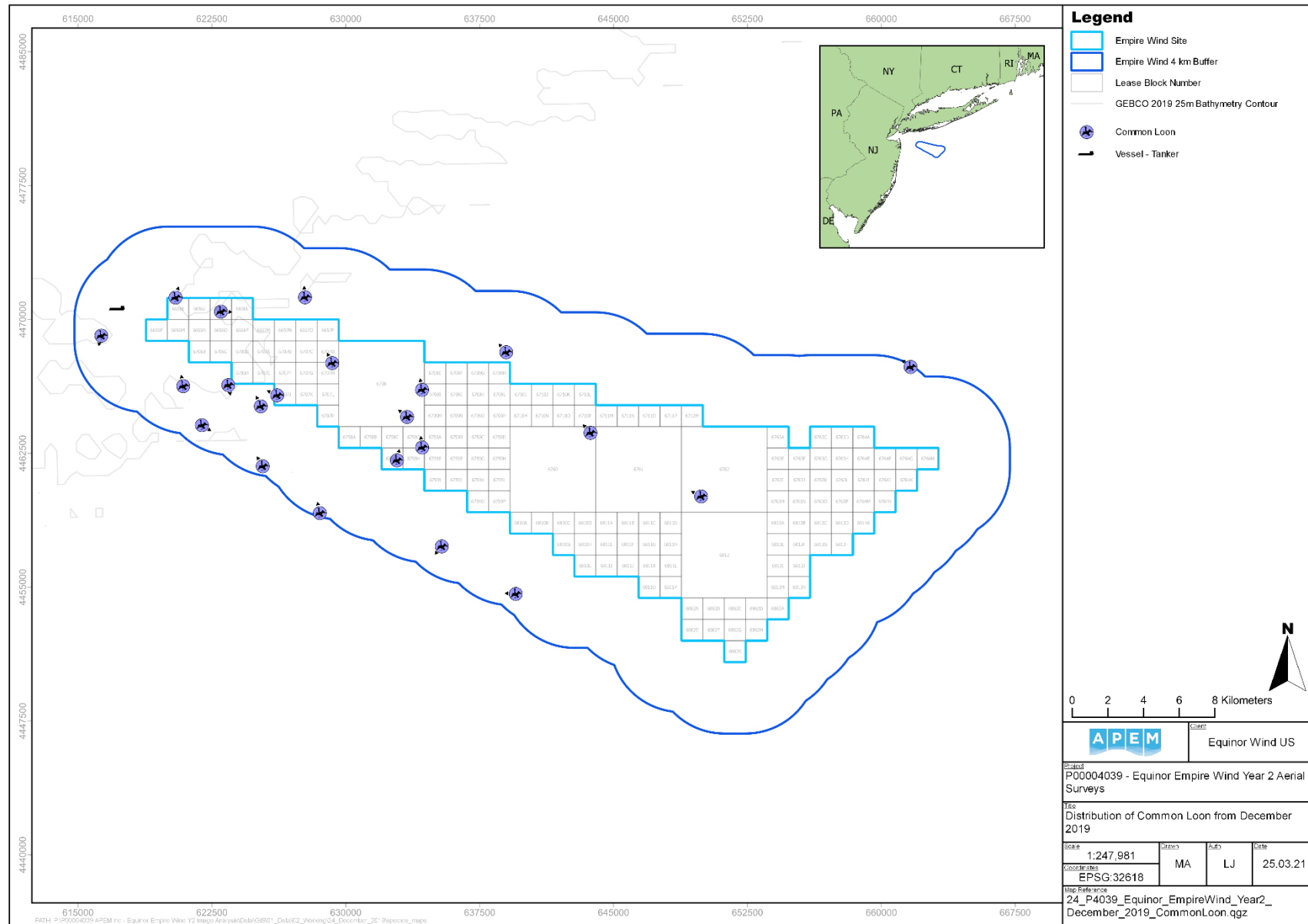


Figure 25 Distribution of common loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

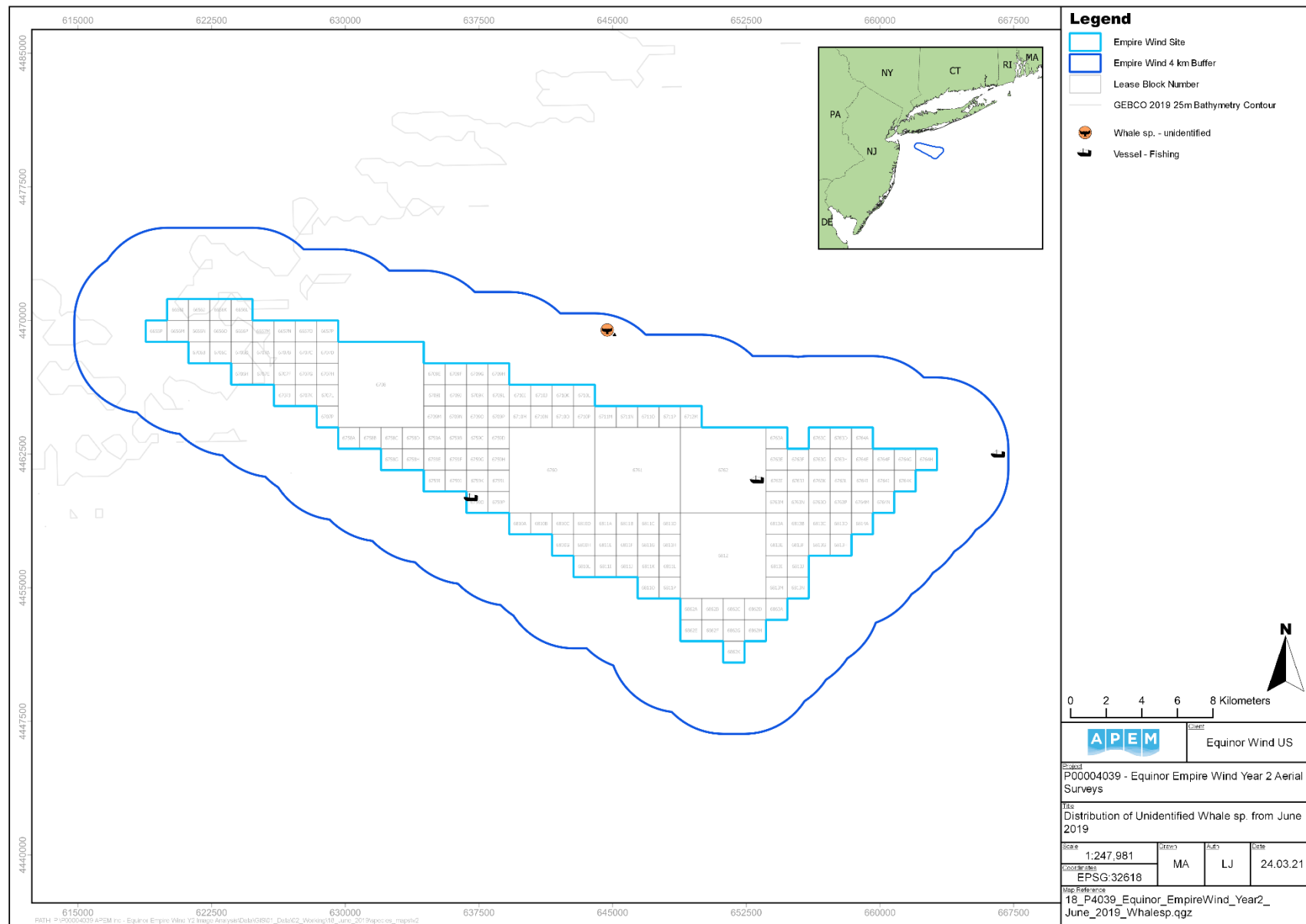


Figure 26 Distribution of unidentified whale species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

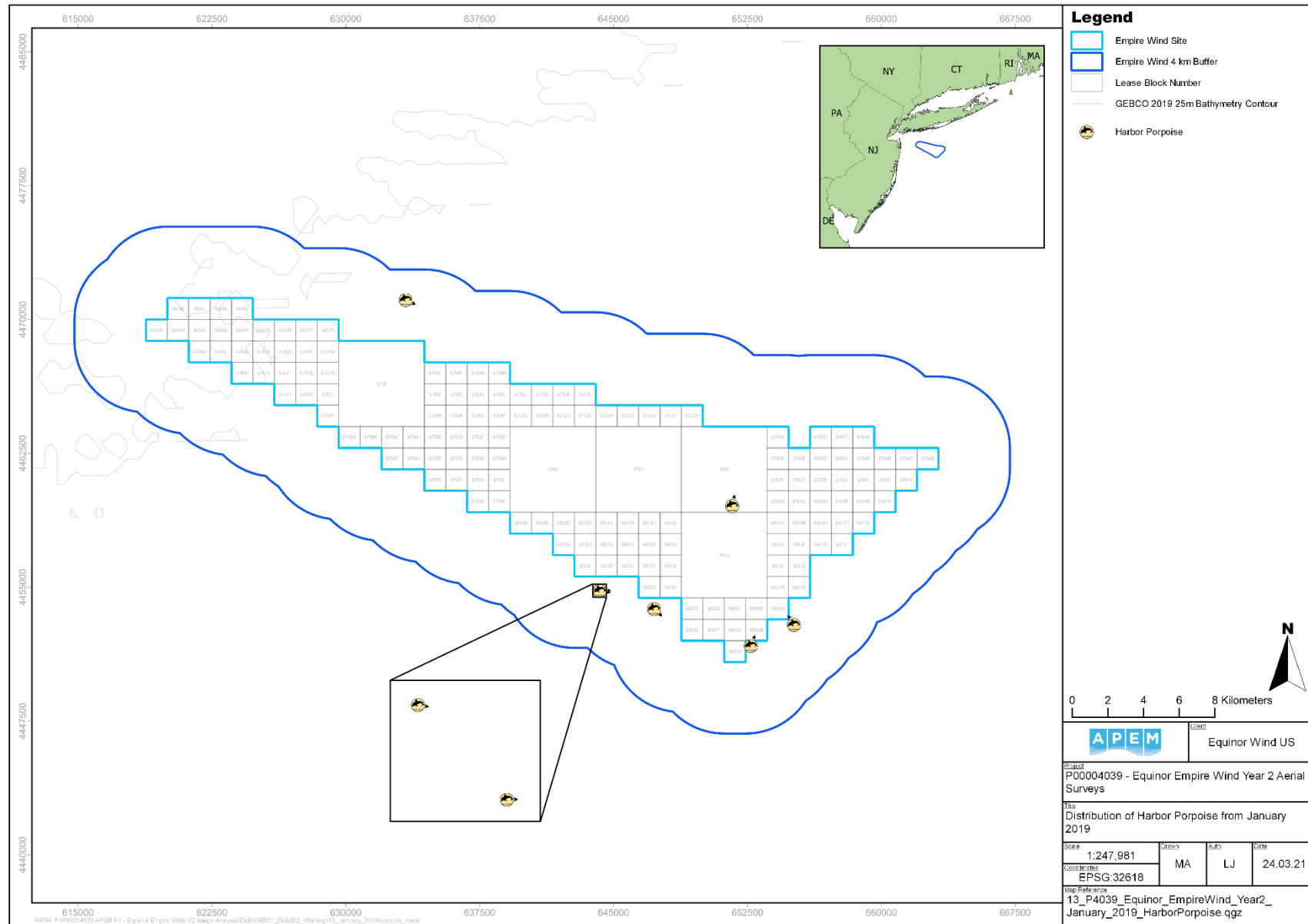


Figure 27 Distribution of harbor porpoise recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 13

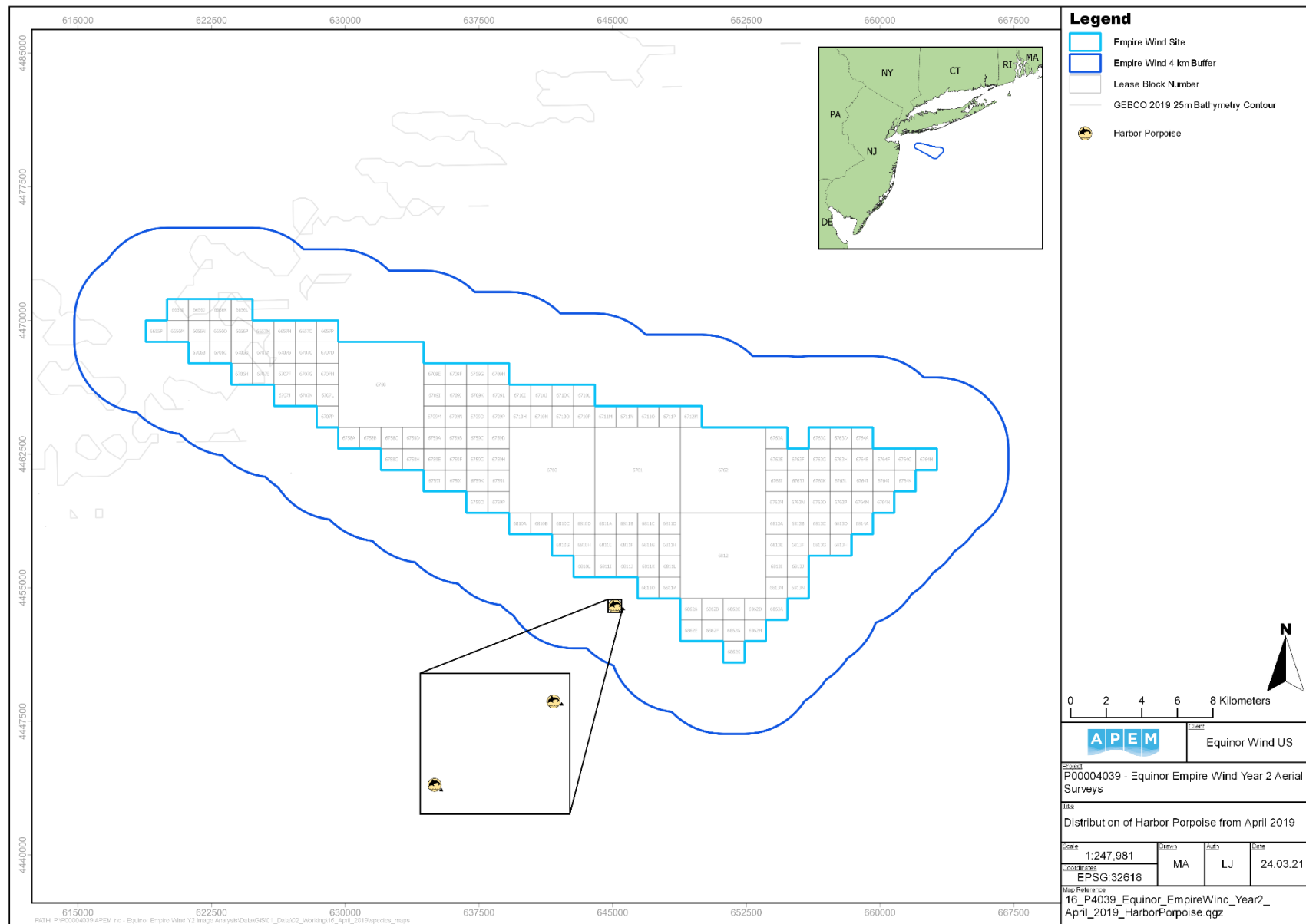


Figure 28

Distribution of harbor porpoise recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

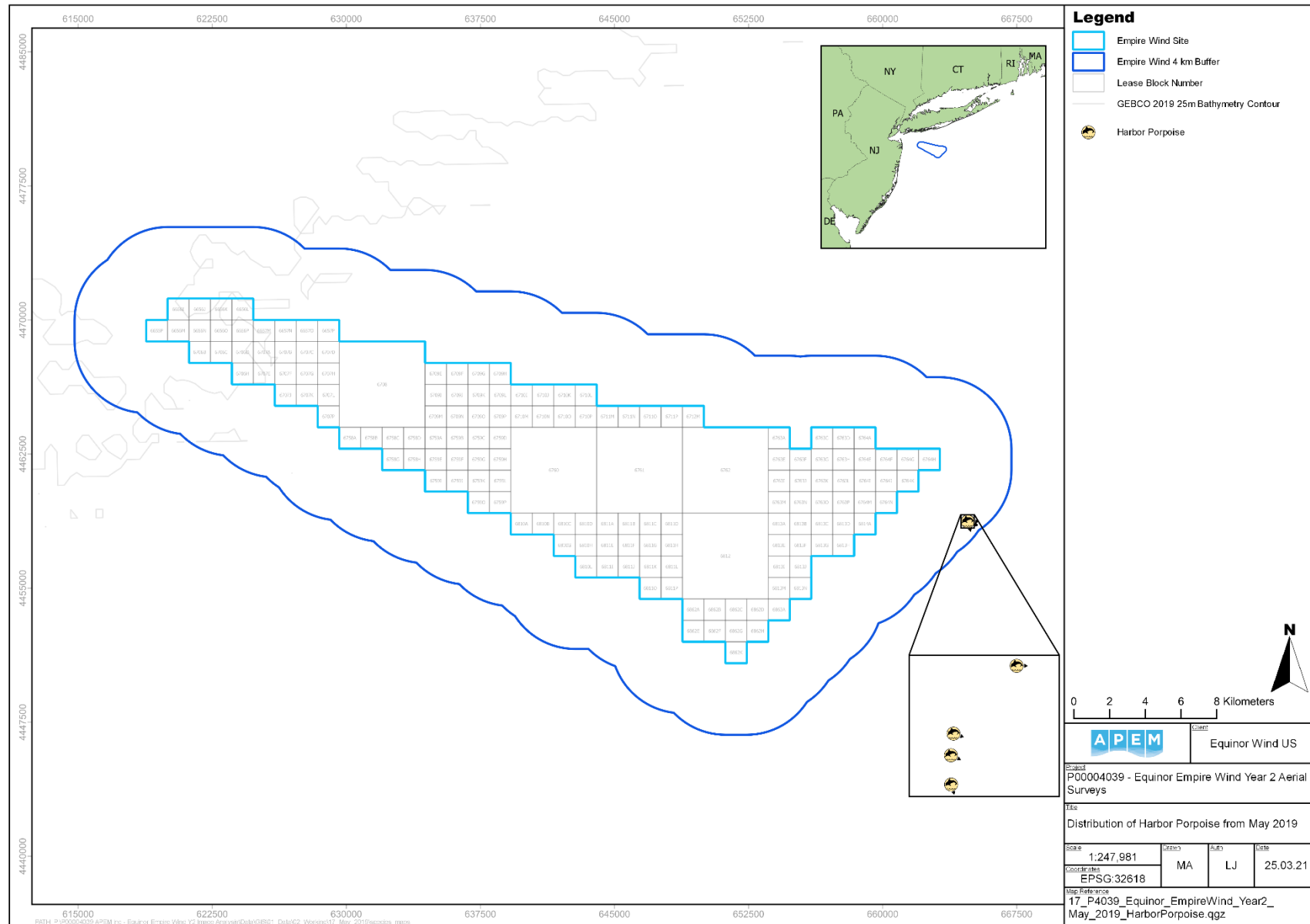


Figure 29 Distribution of harbor porpoise recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

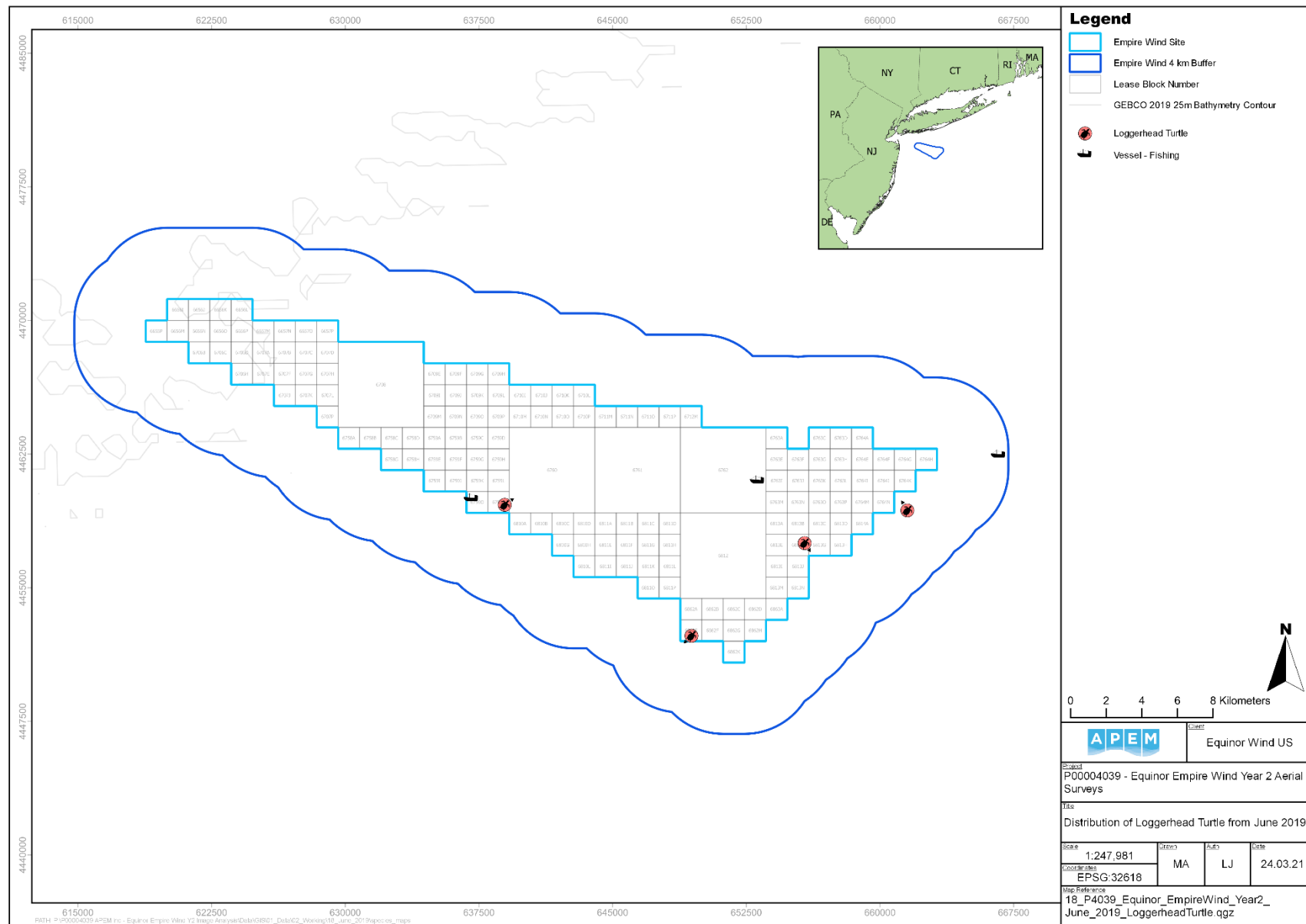


Figure 30 Distribution of loggerhead turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

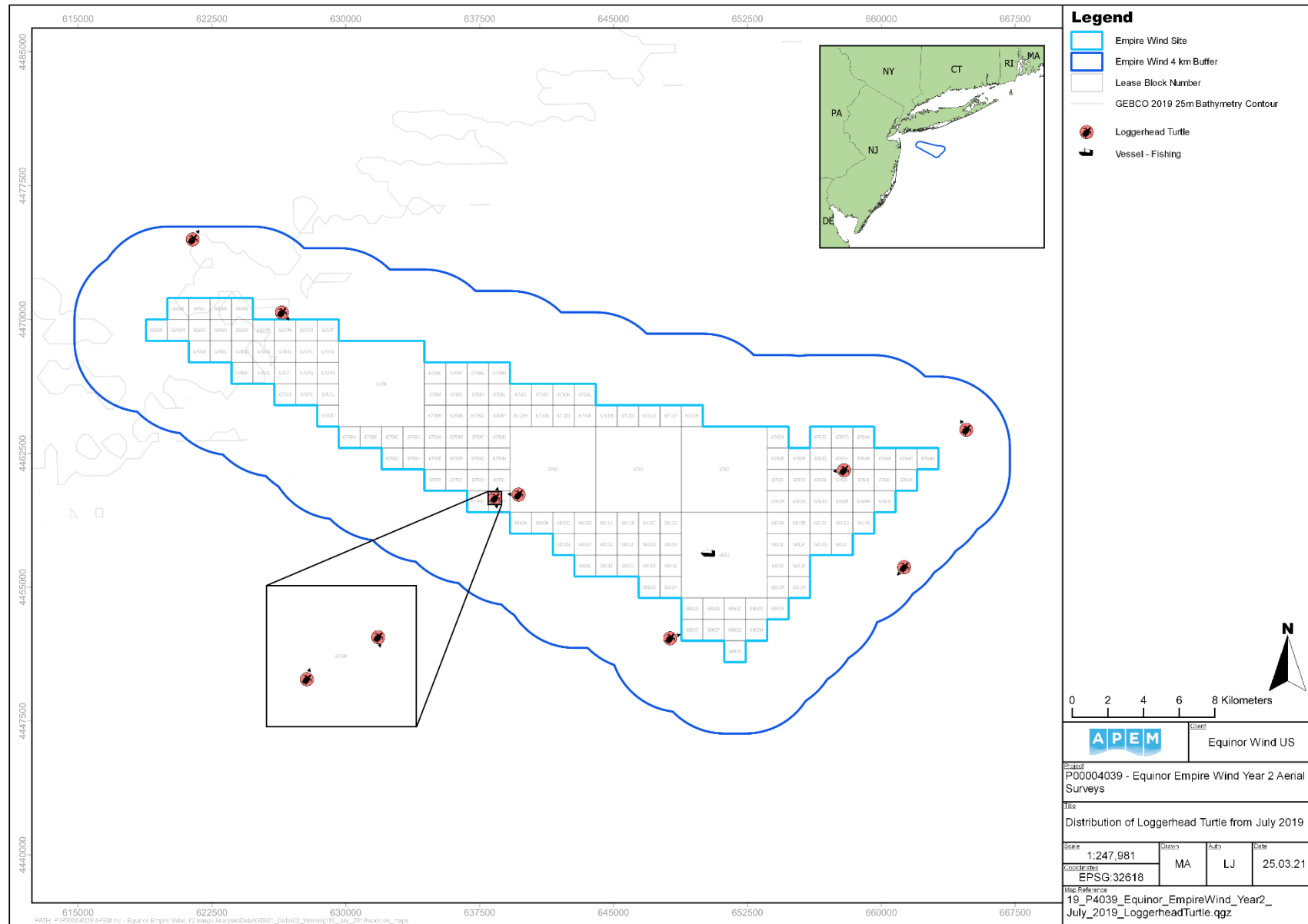


Figure 31 Distribution of loggerhead turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

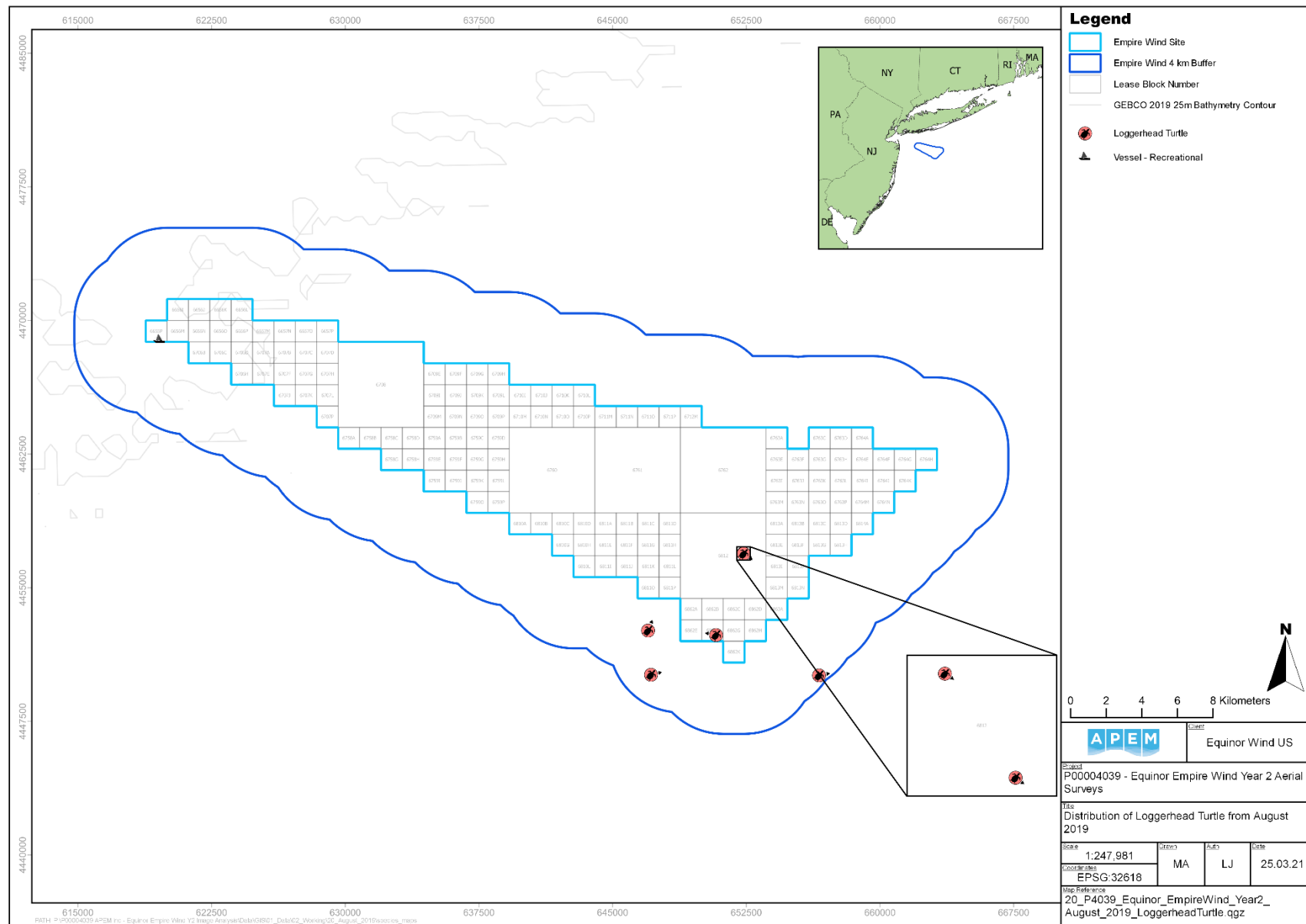


Figure 32 Distribution of loggerhead turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

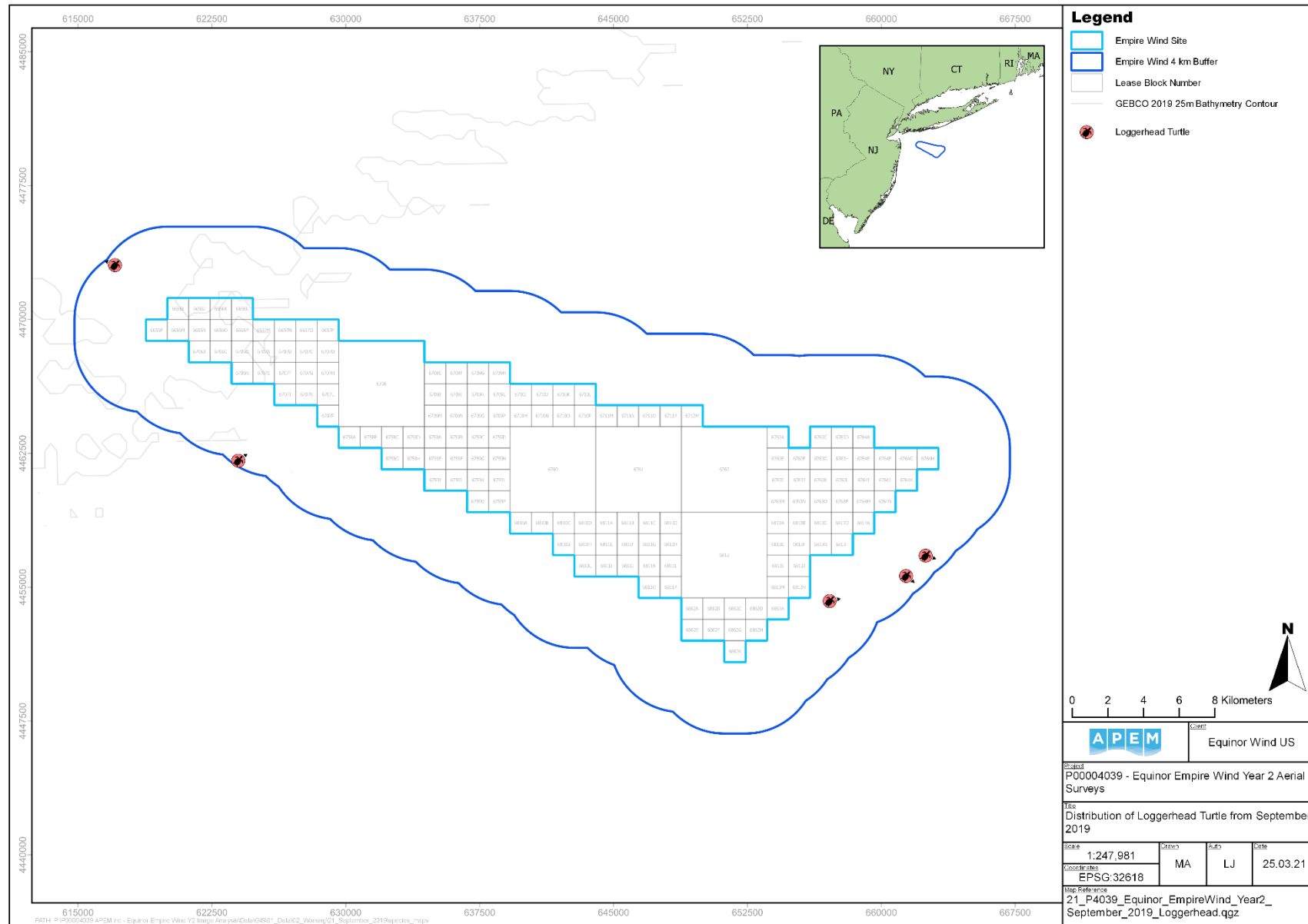


Figure 33

Distribution of loggerhead turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

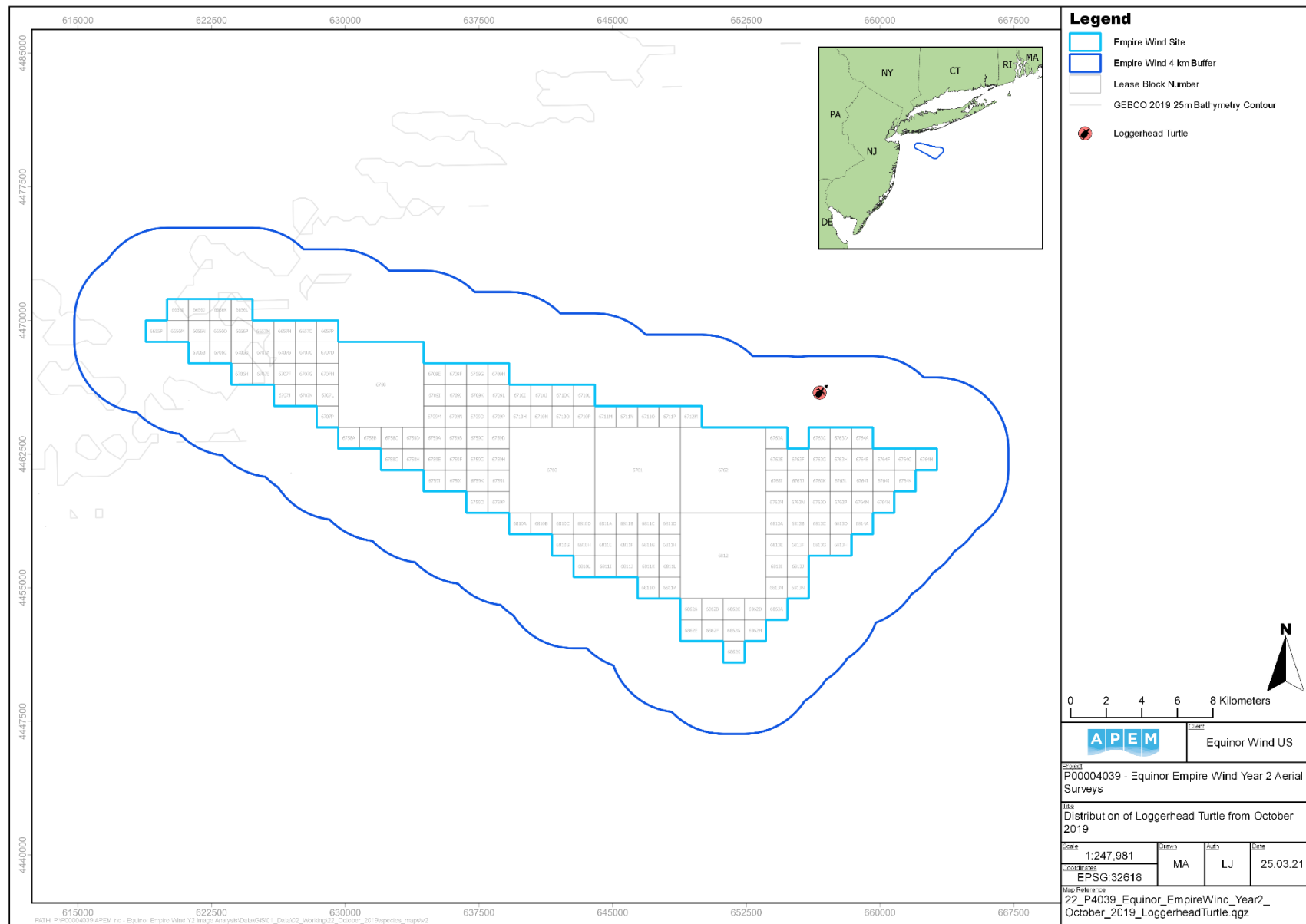


Figure 34

Distribution of loggerhead turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

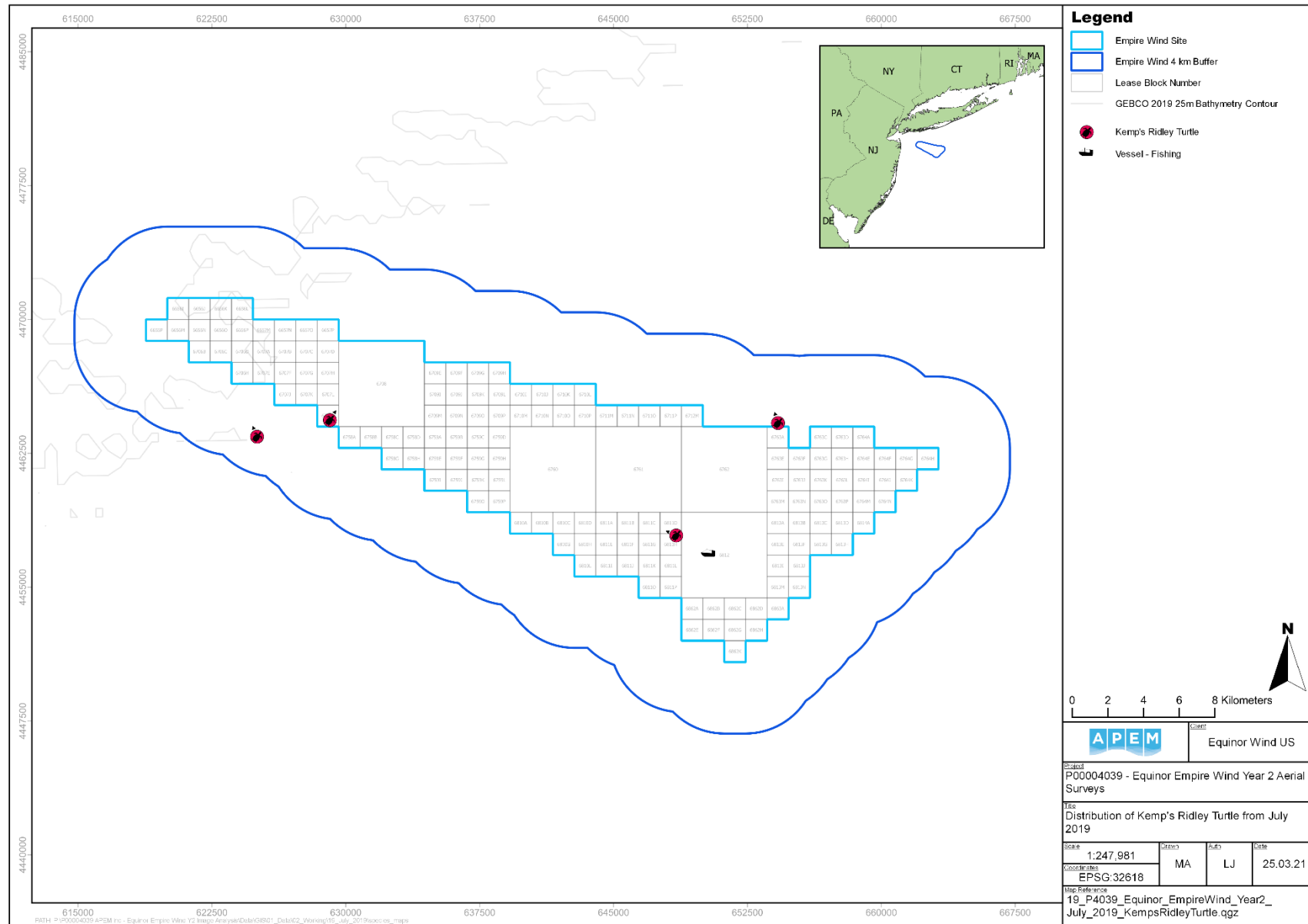


Figure 35 Distribution of Kemp's ridley turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

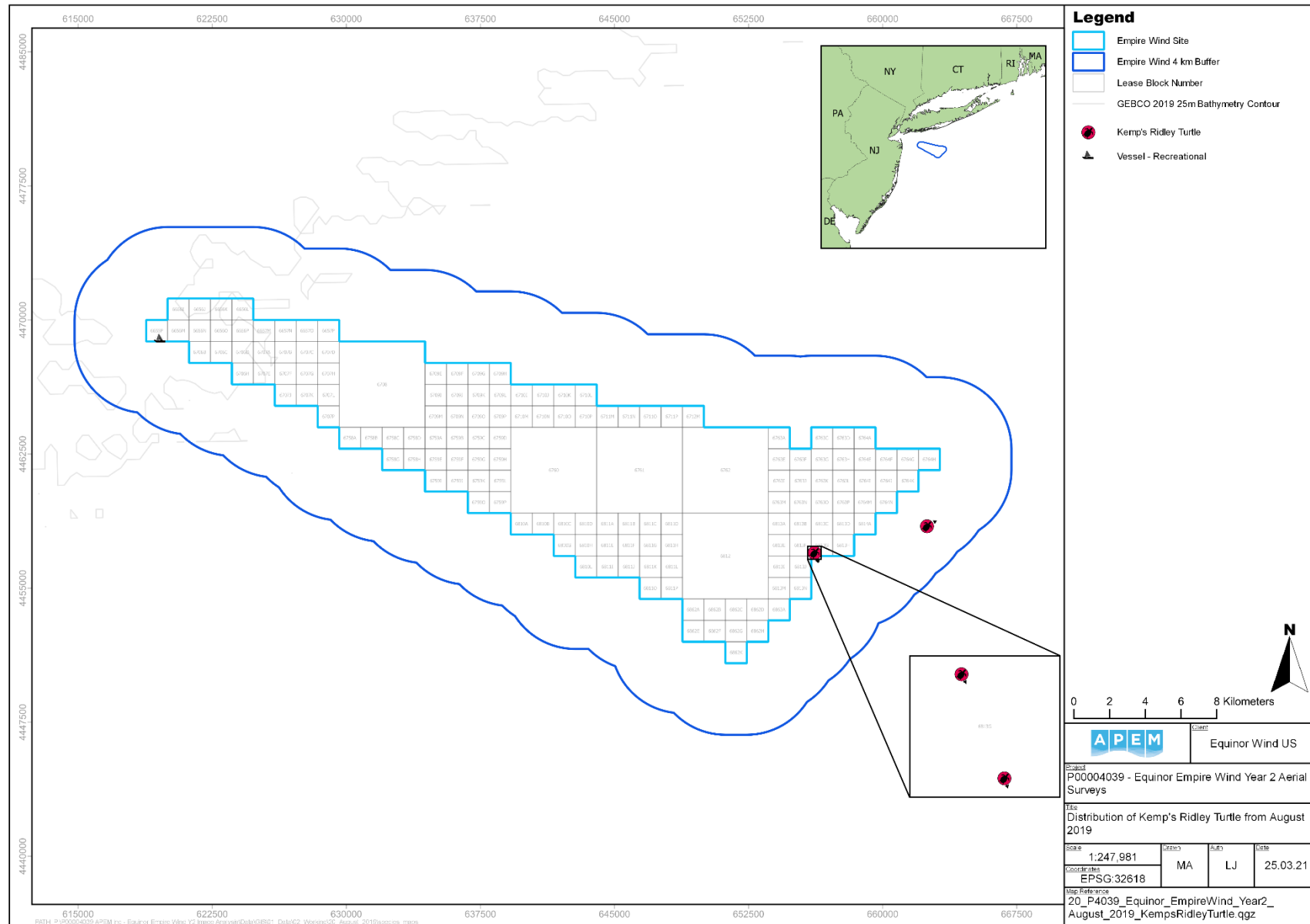


Figure 36

Distribution of Kemp's ridley turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

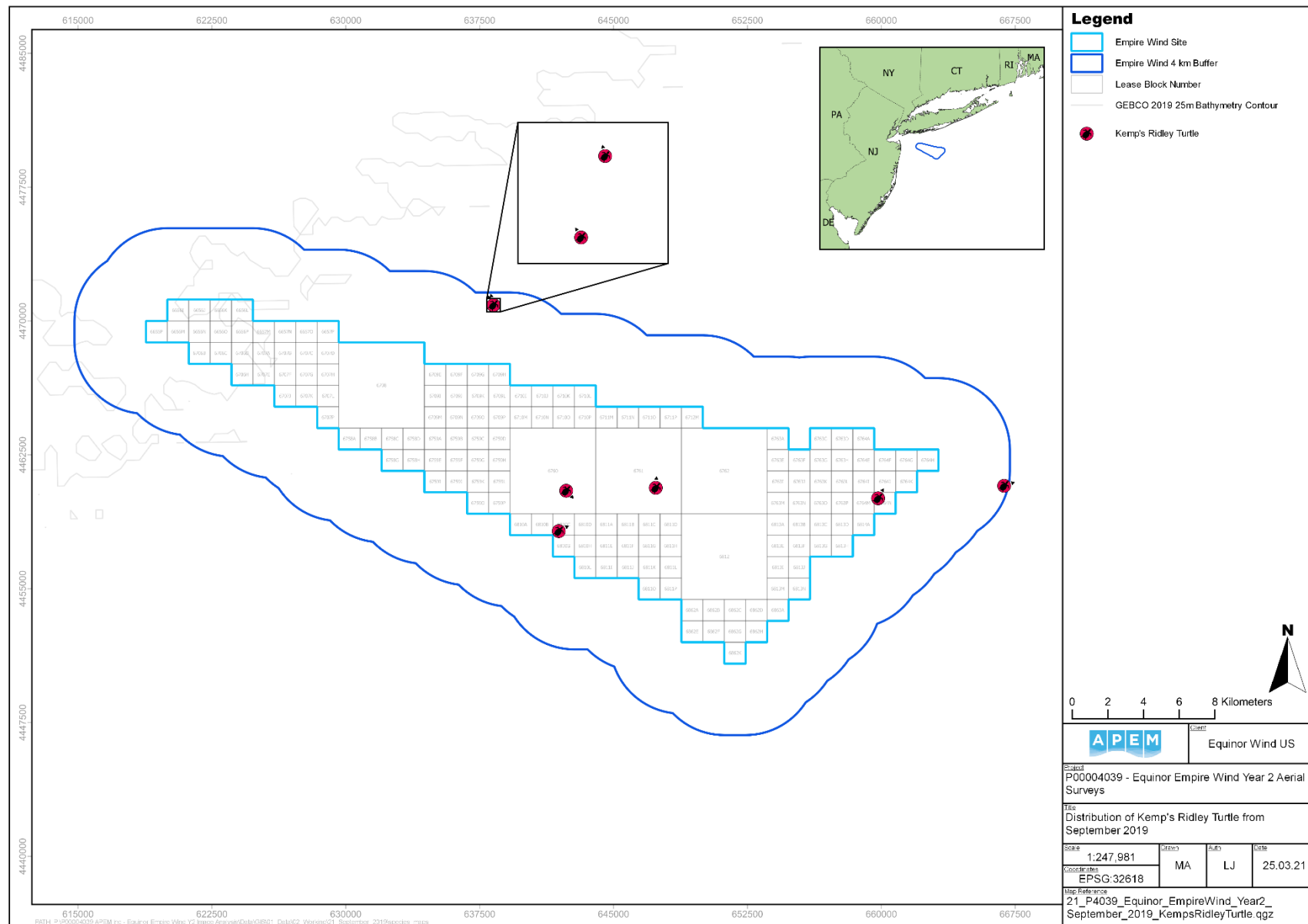


Figure 37

Distribution of Kemp's ridley turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

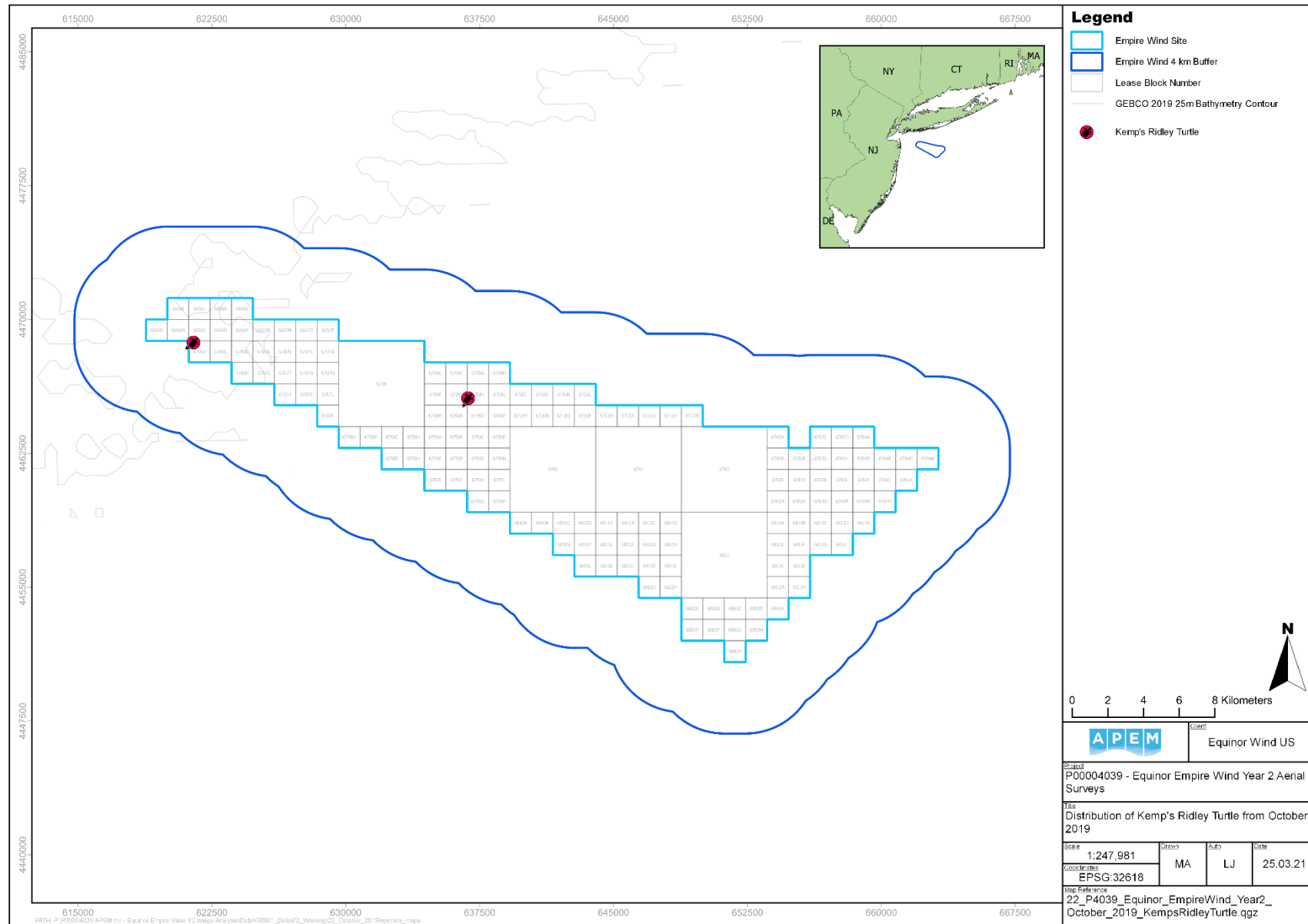


Figure 38

Distribution of Kemp's ridley turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

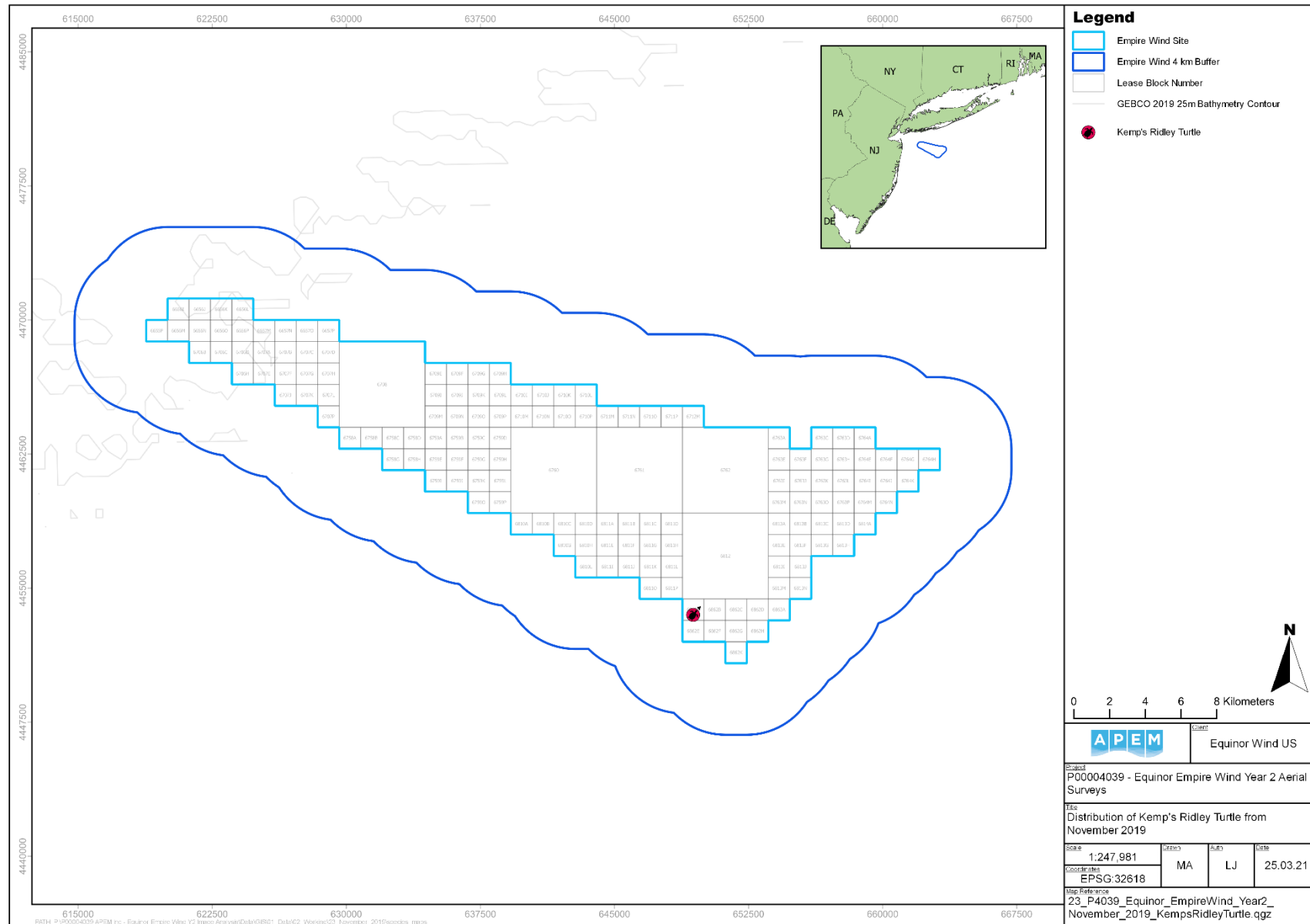


Figure 39

Distribution of Kemp's ridley turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

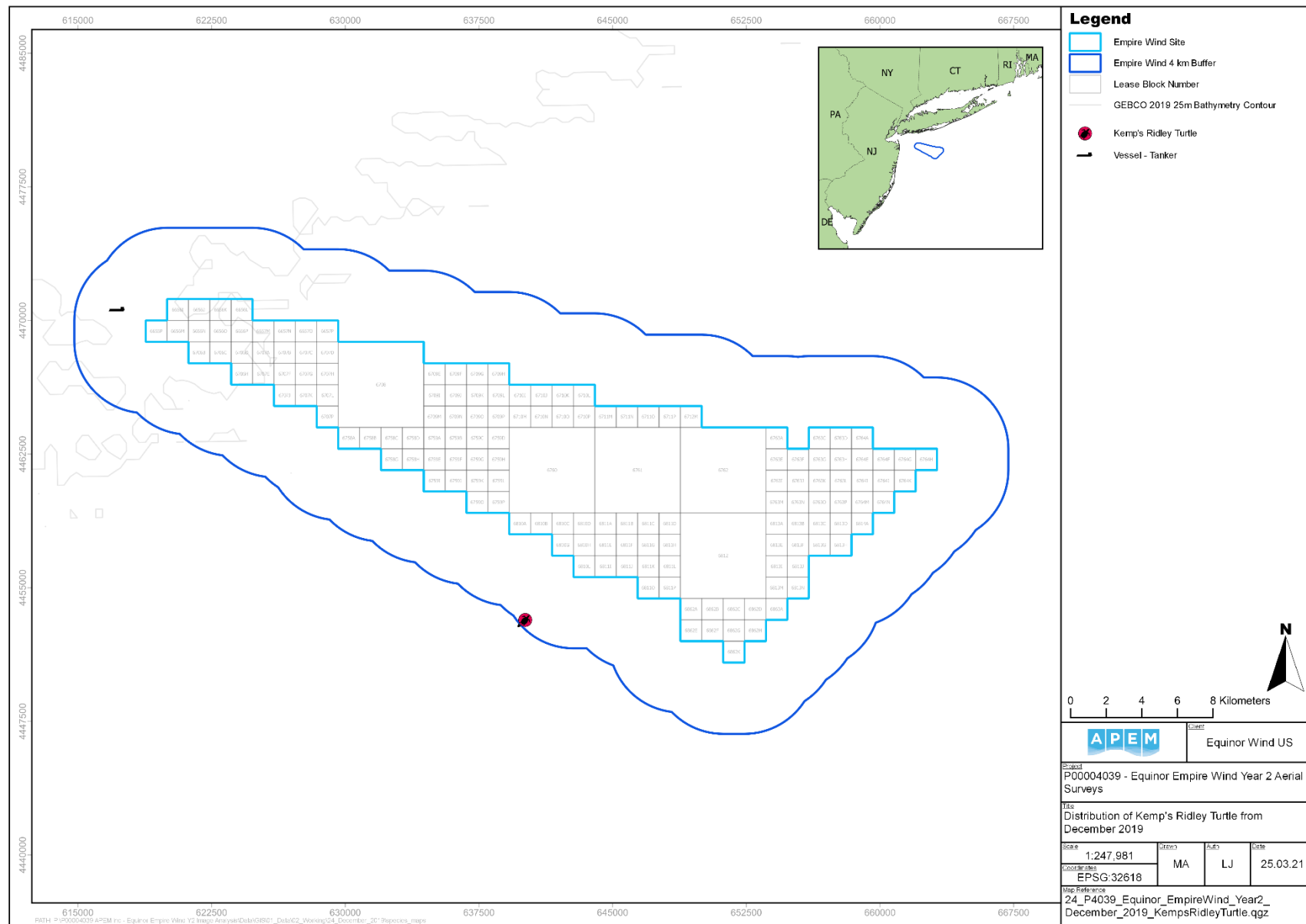


Figure 40

Distribution of Kemp's ridley turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

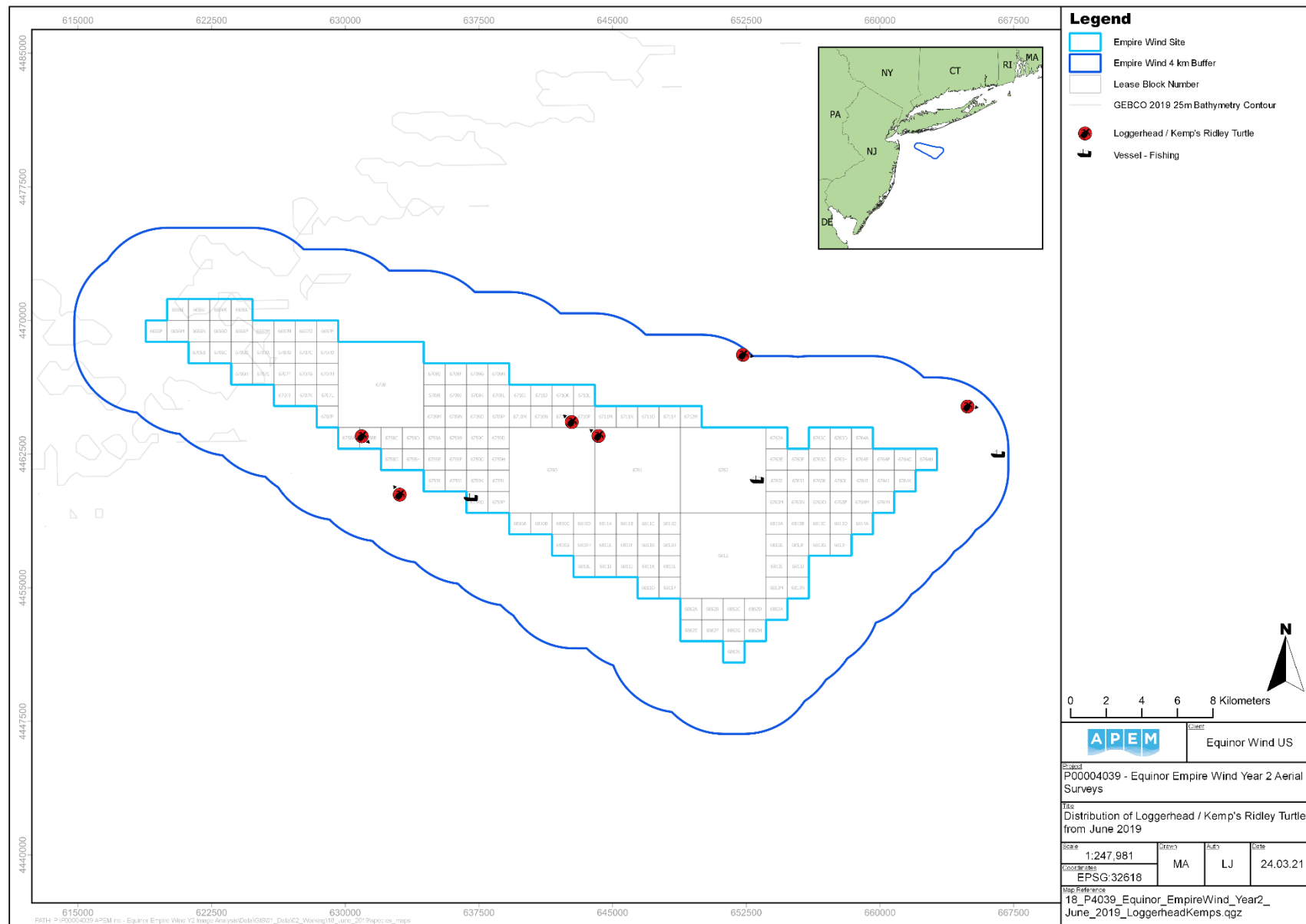


Figure 41 Distribution of loggerhead / Kemp's ridley turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

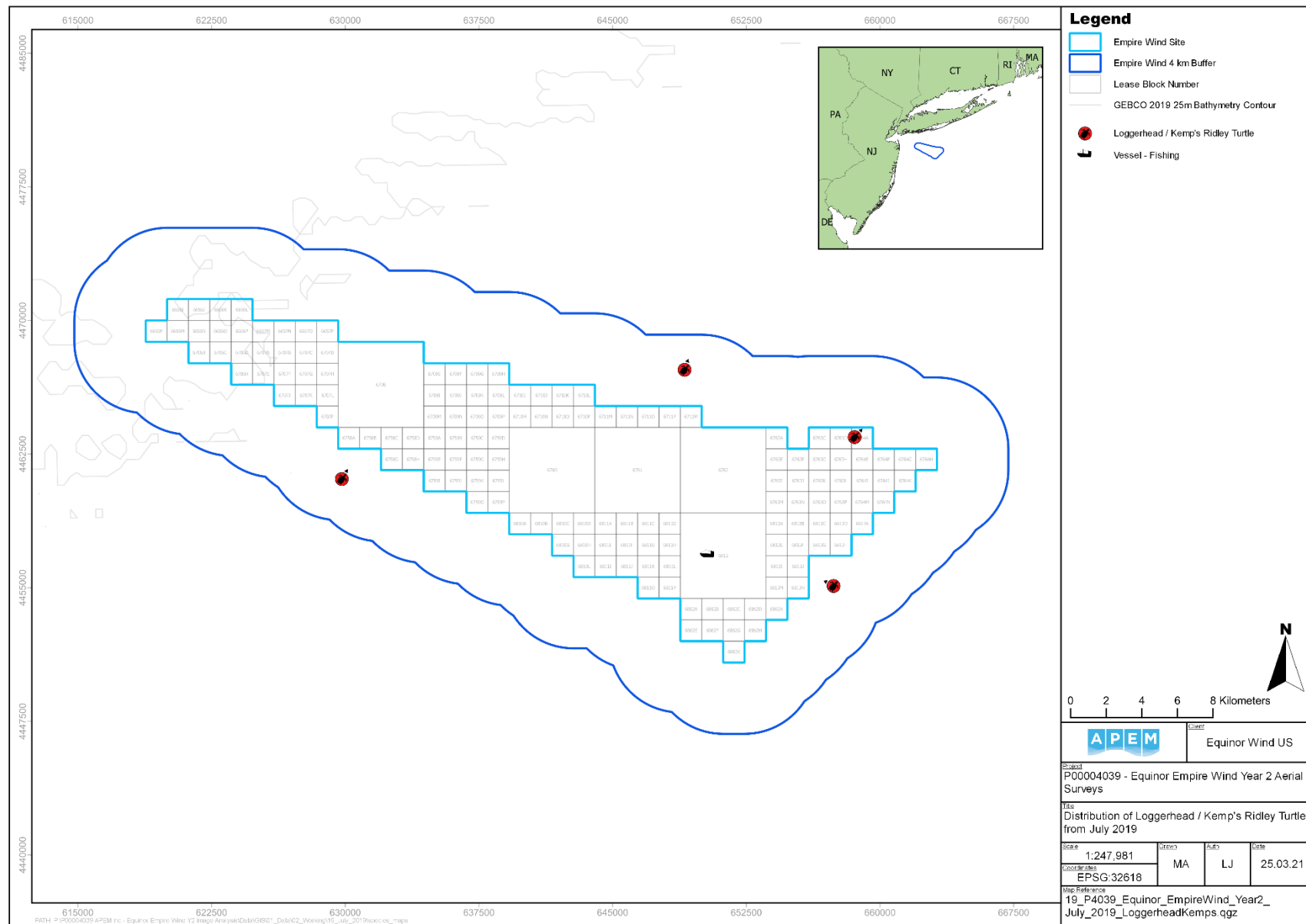


Figure 42 Distribution of loggerhead / Kemp's ridley turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

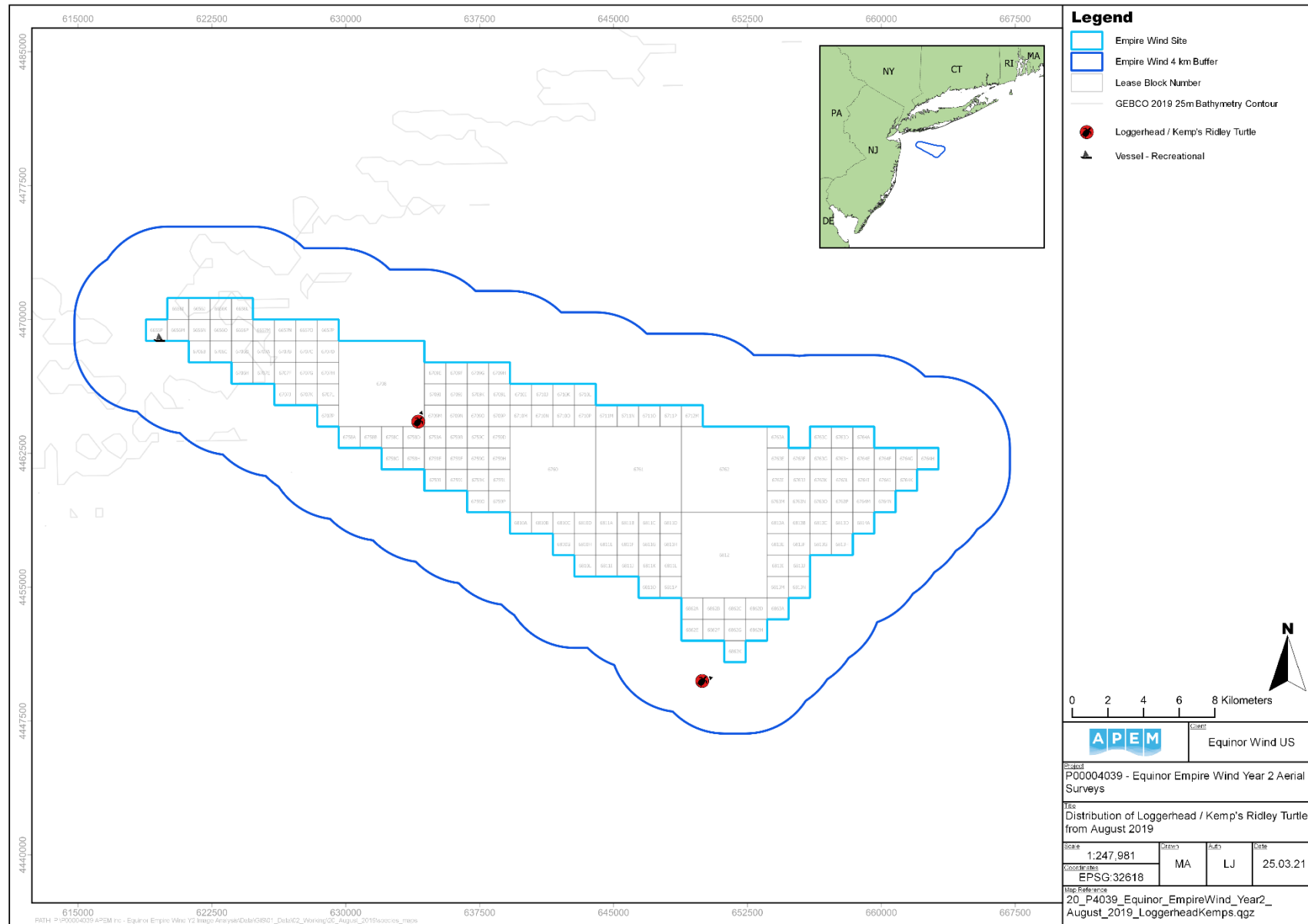


Figure 43 Distribution of loggerhead / Kemp's ridley turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

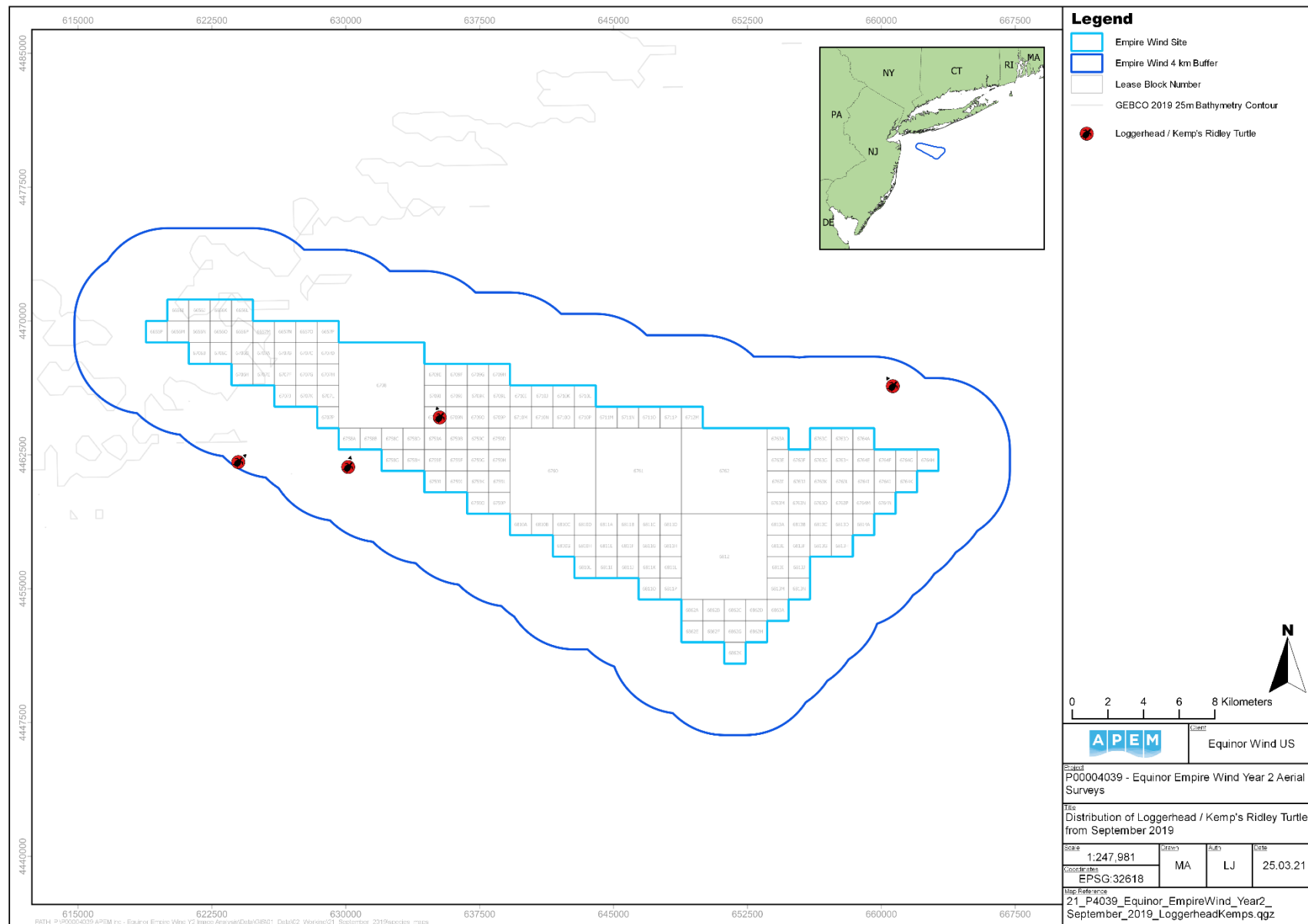


Figure 44 Distribution of loggerhead / Kemp's ridley turtle recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

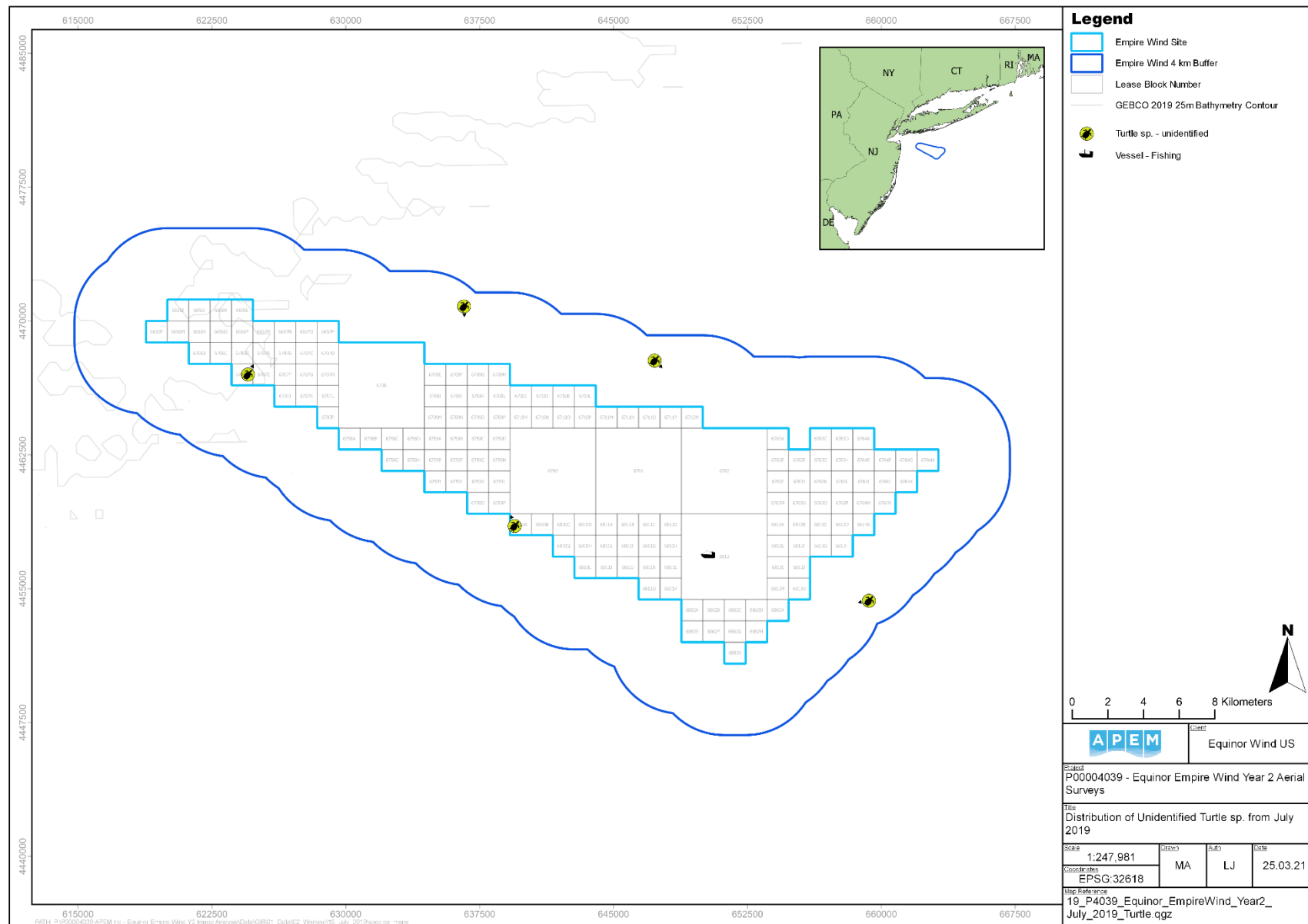


Figure 45 Distribution of unidentified turtle species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

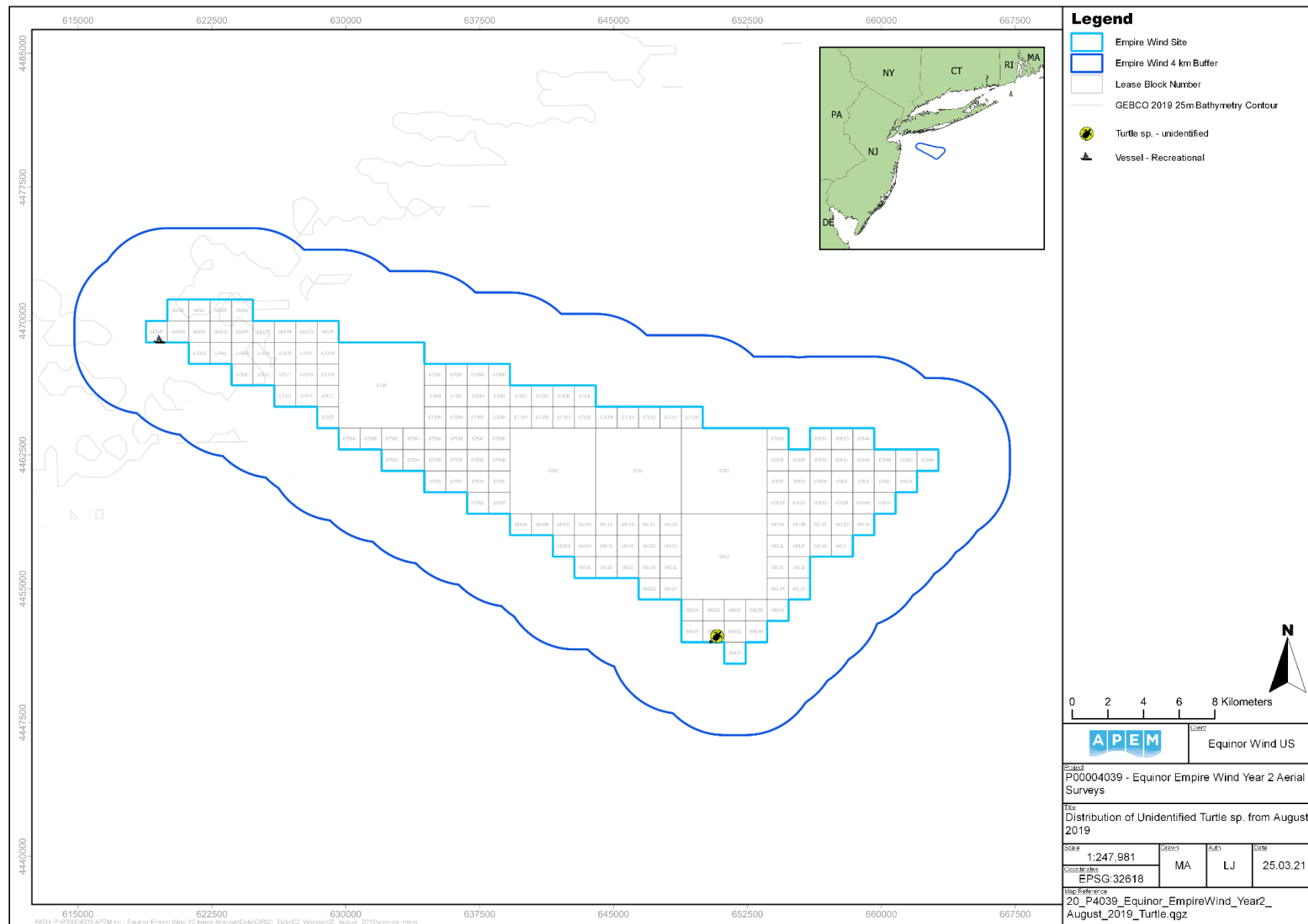


Figure 46 Distribution of unidentified turtle species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

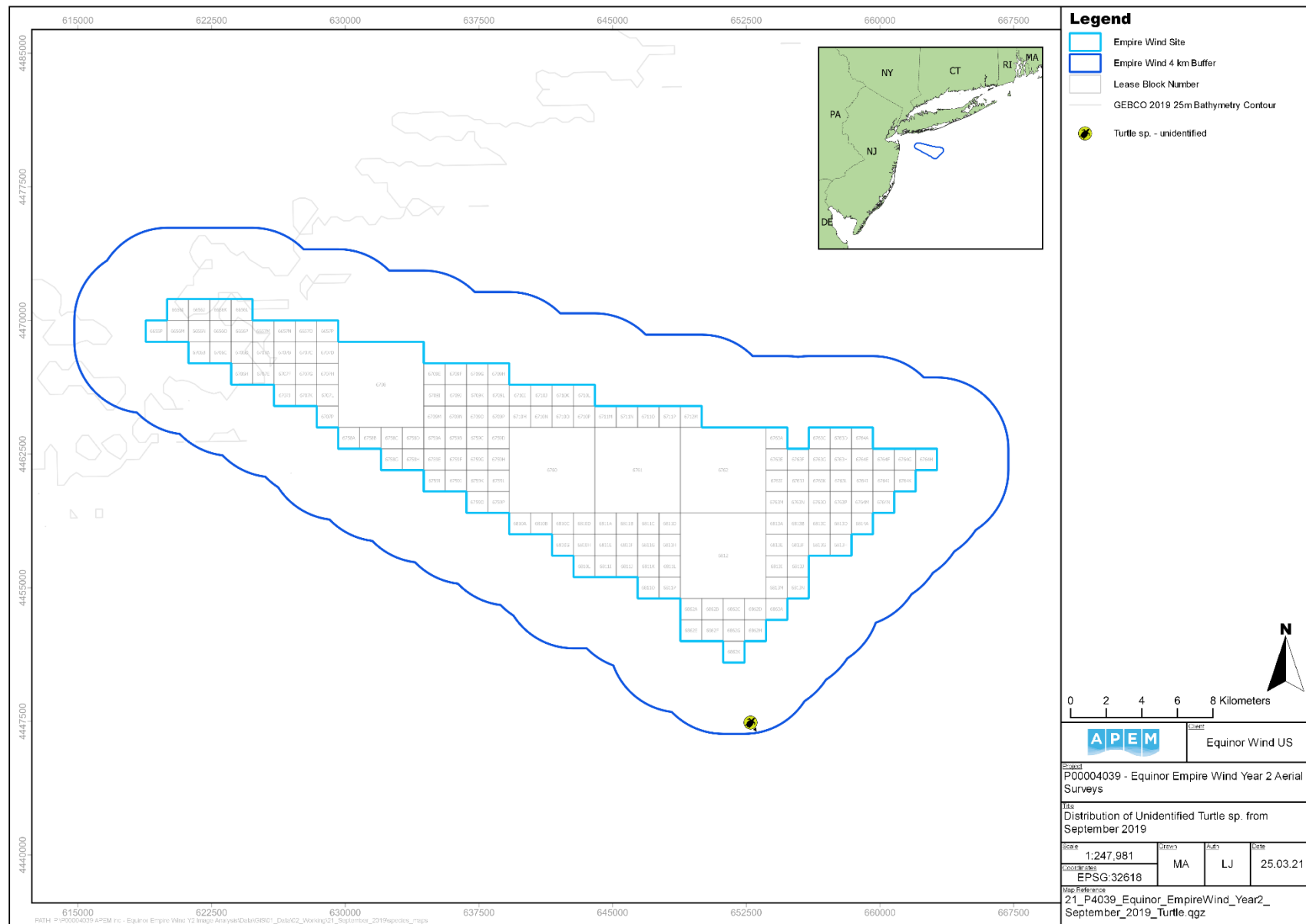


Figure 47 Distribution of unidentified turtle species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

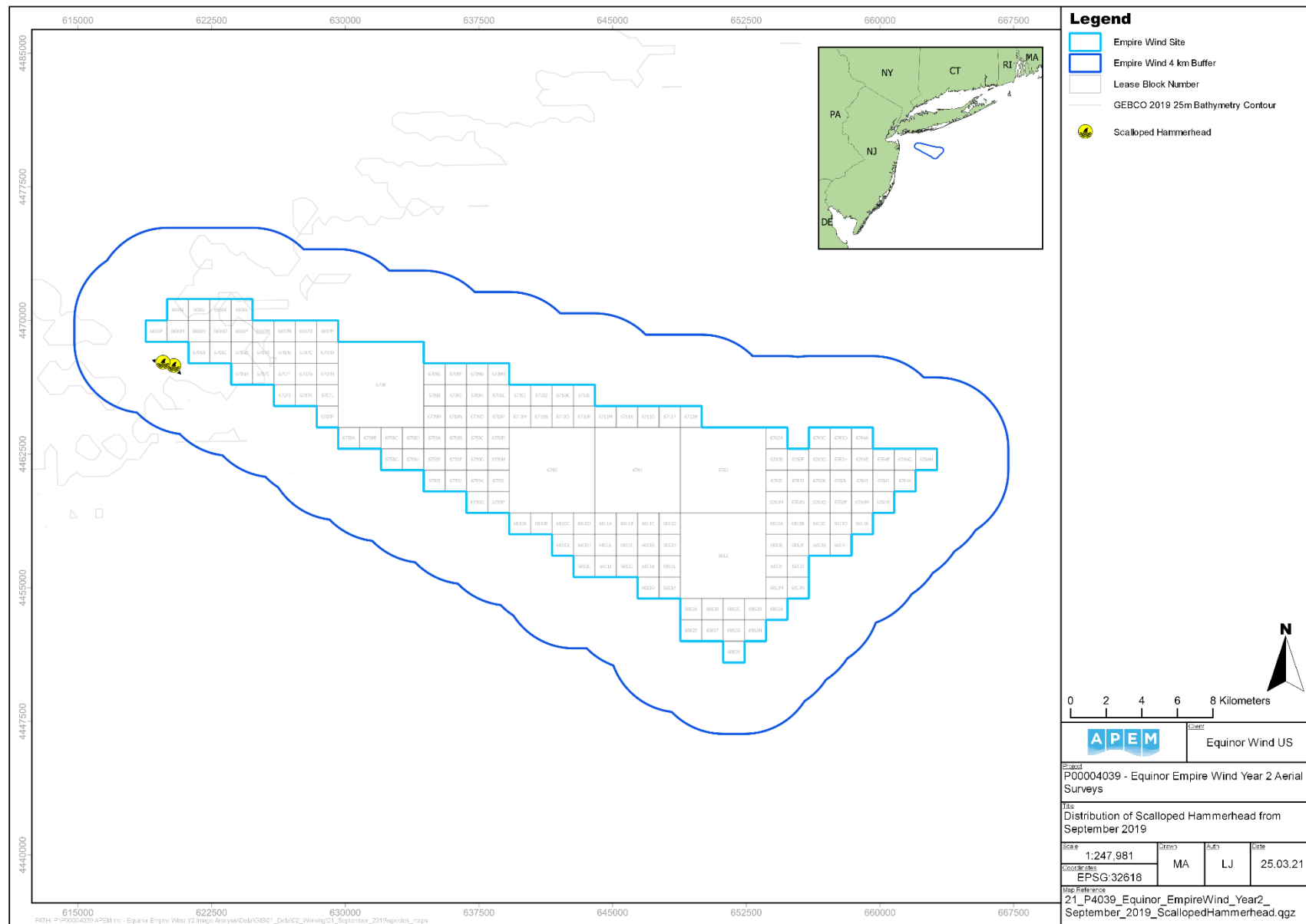


Figure 48 Distribution of scalloped hammerhead shark recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

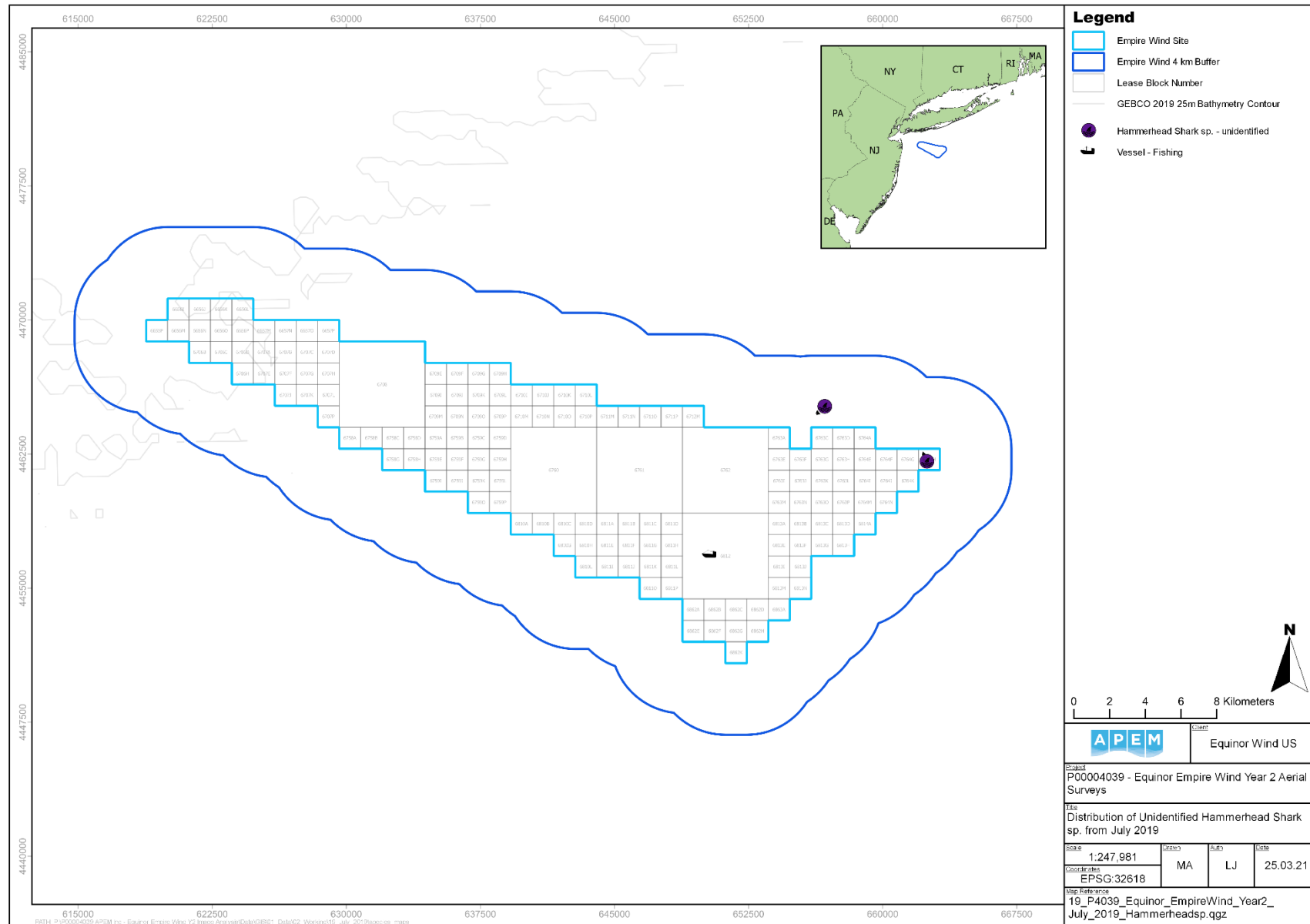


Figure 49 Distribution of unidentified hammerhead shark species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

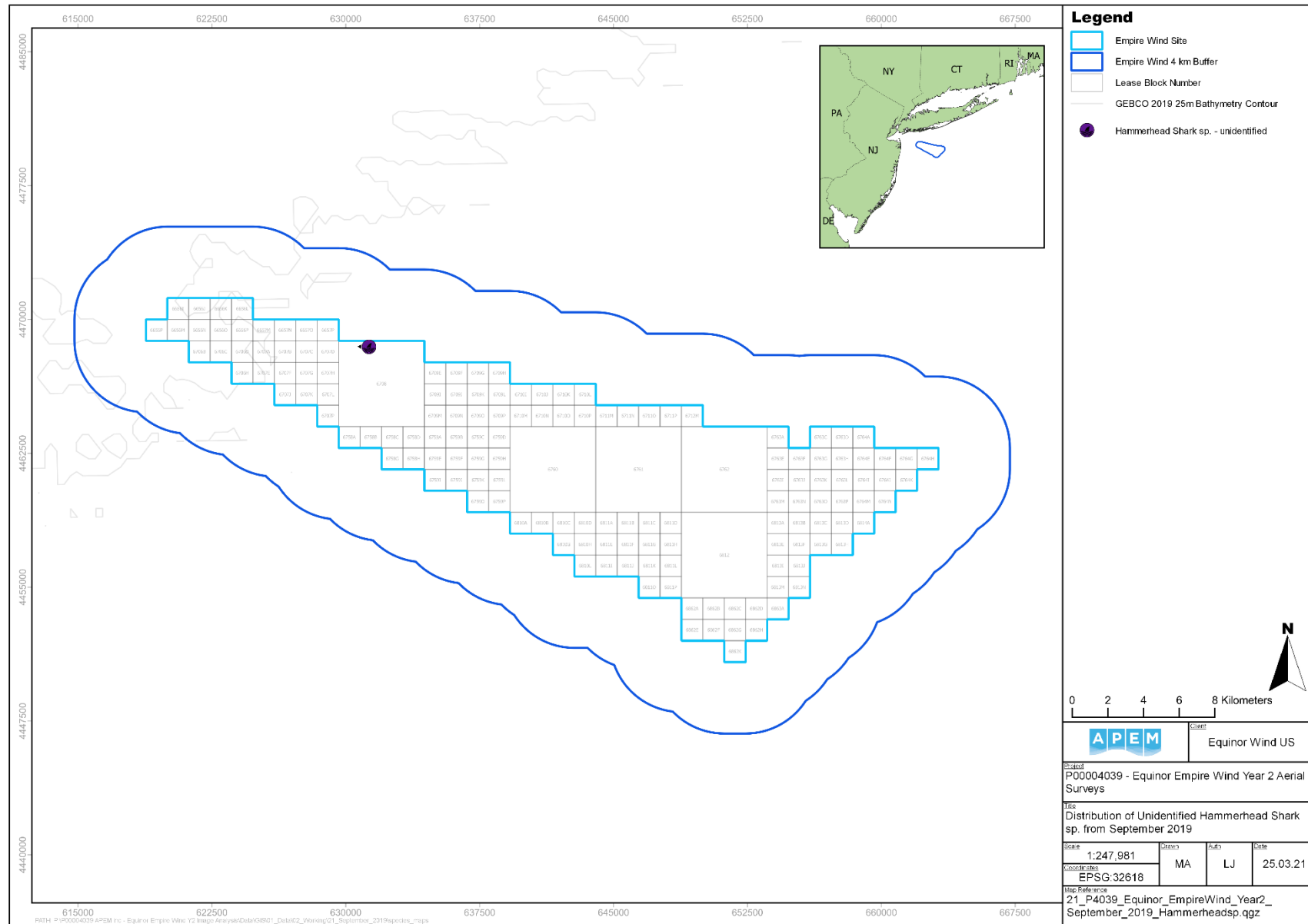


Figure 50 Distribution of unidentified hammerhead shark species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

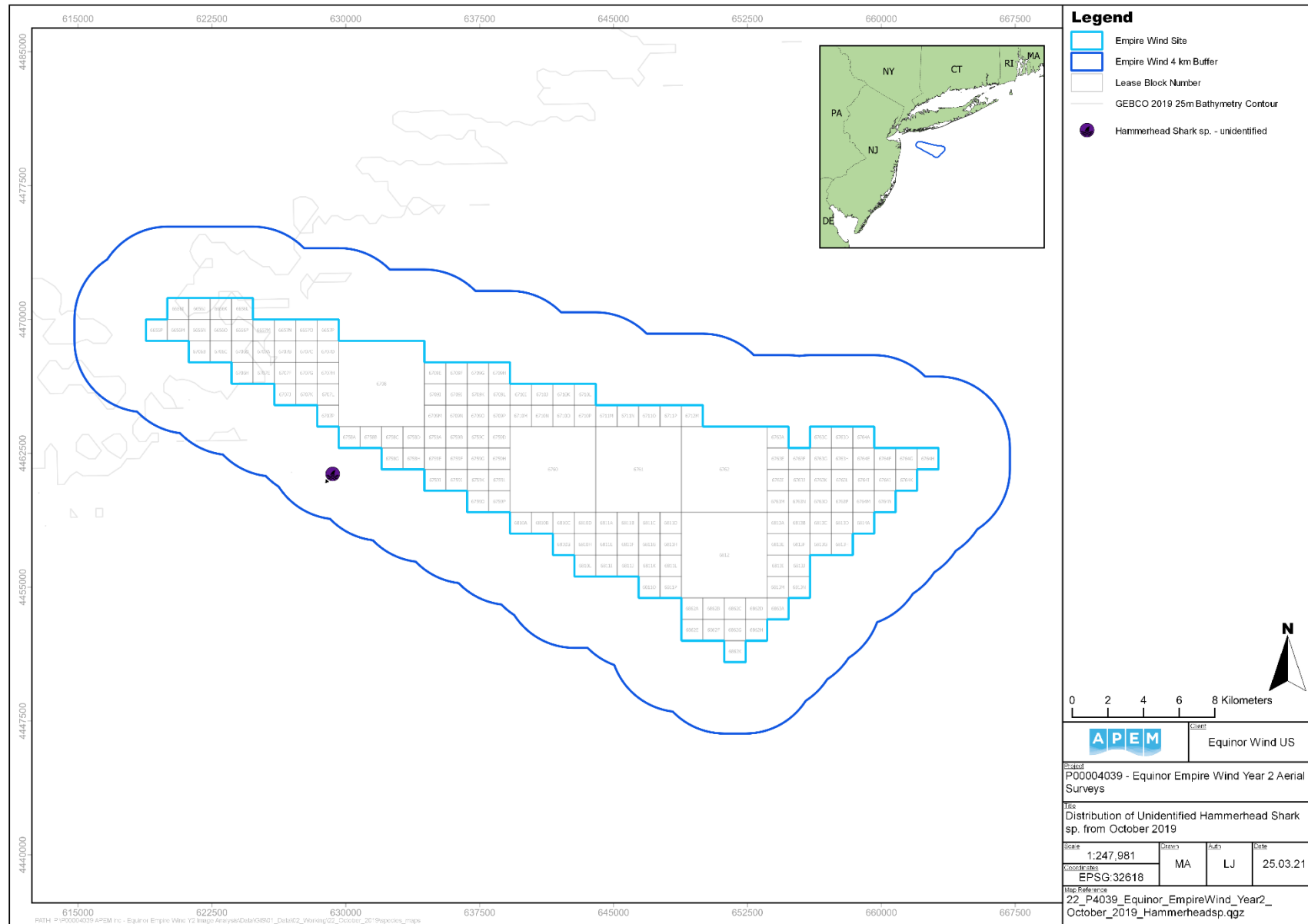


Figure 51 Distribution of unidentified hammerhead shark species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

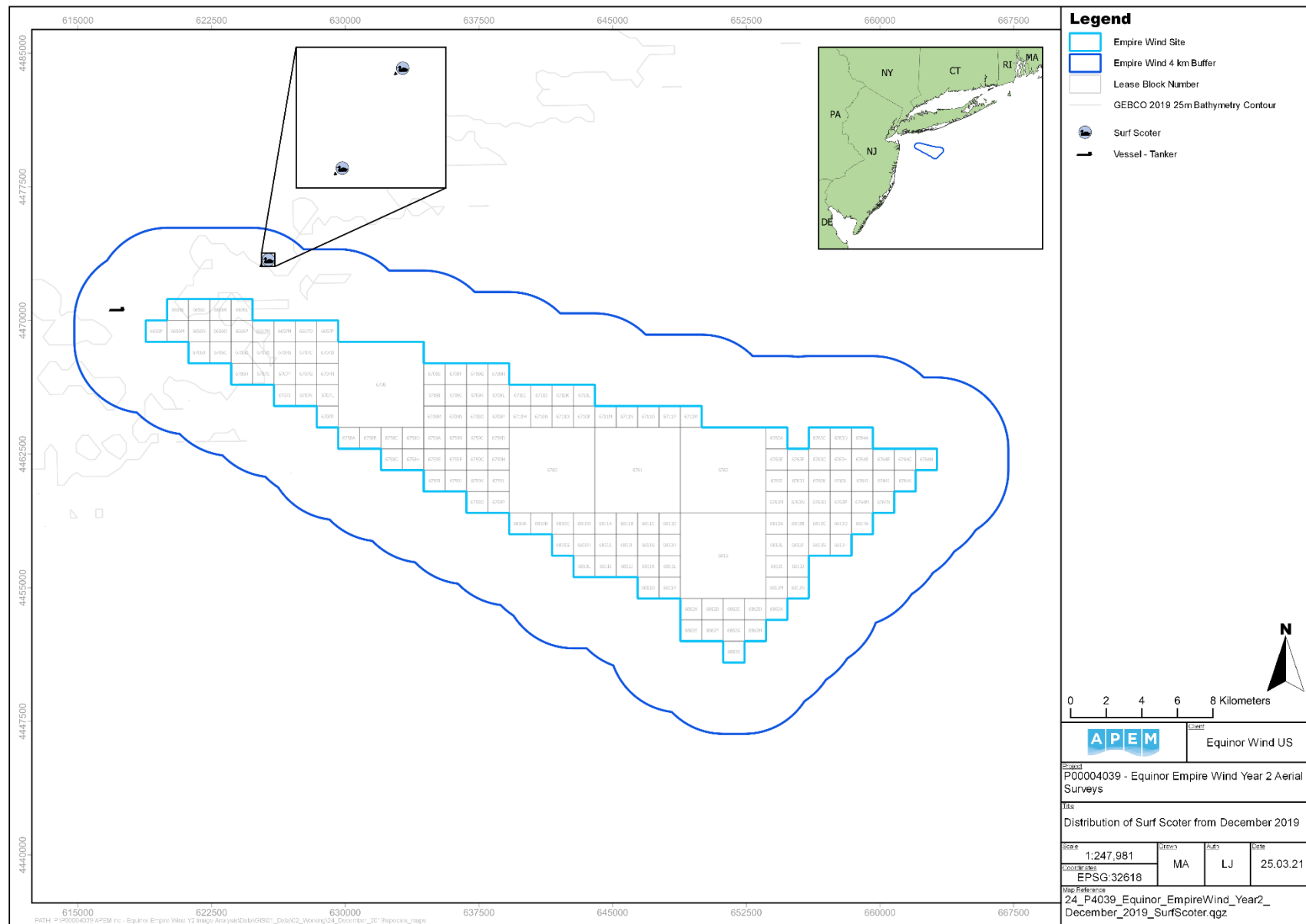


Figure 52

Distribution of surf scoter recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

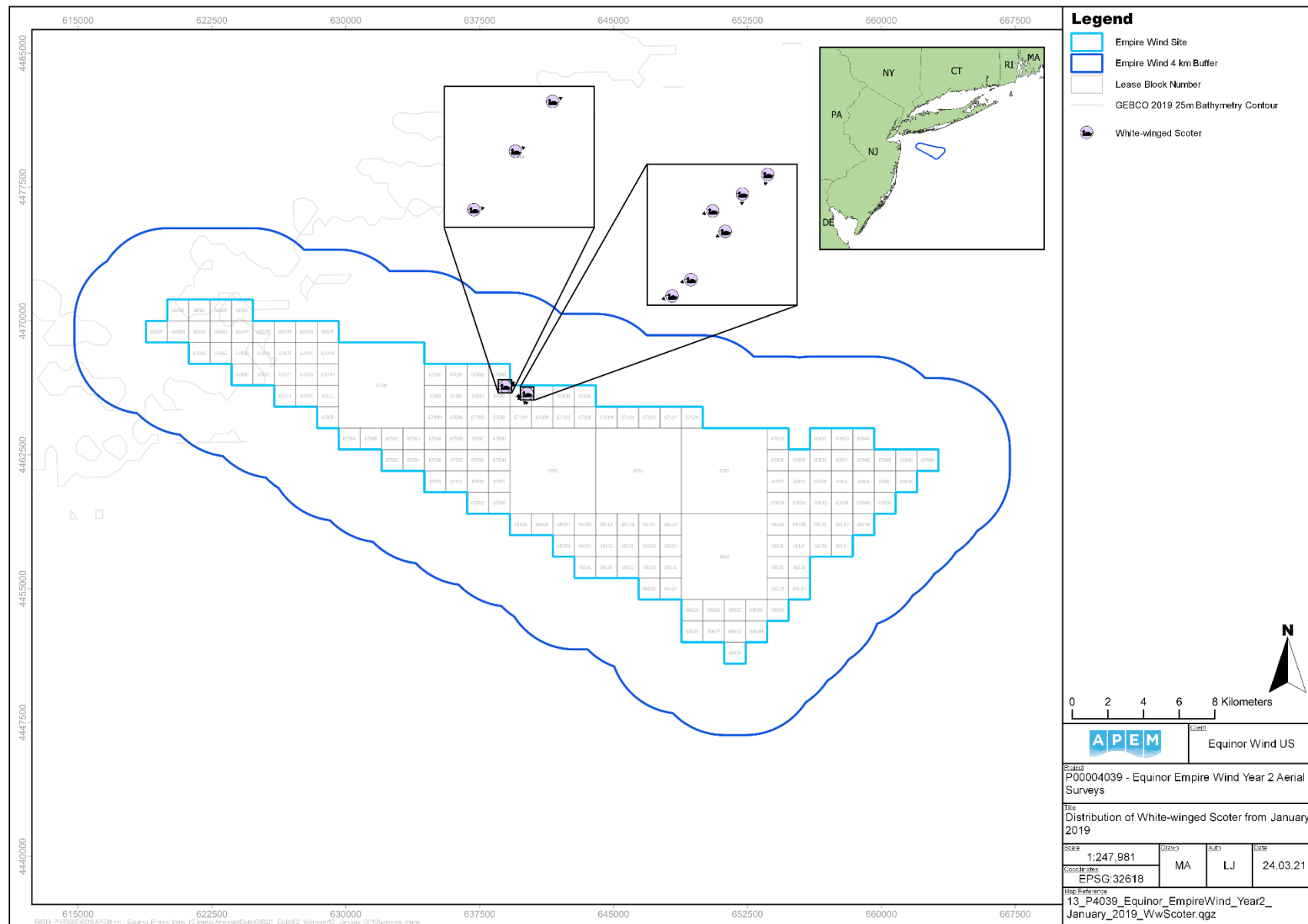


Figure 53

Distribution of white-winged scoter recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 13

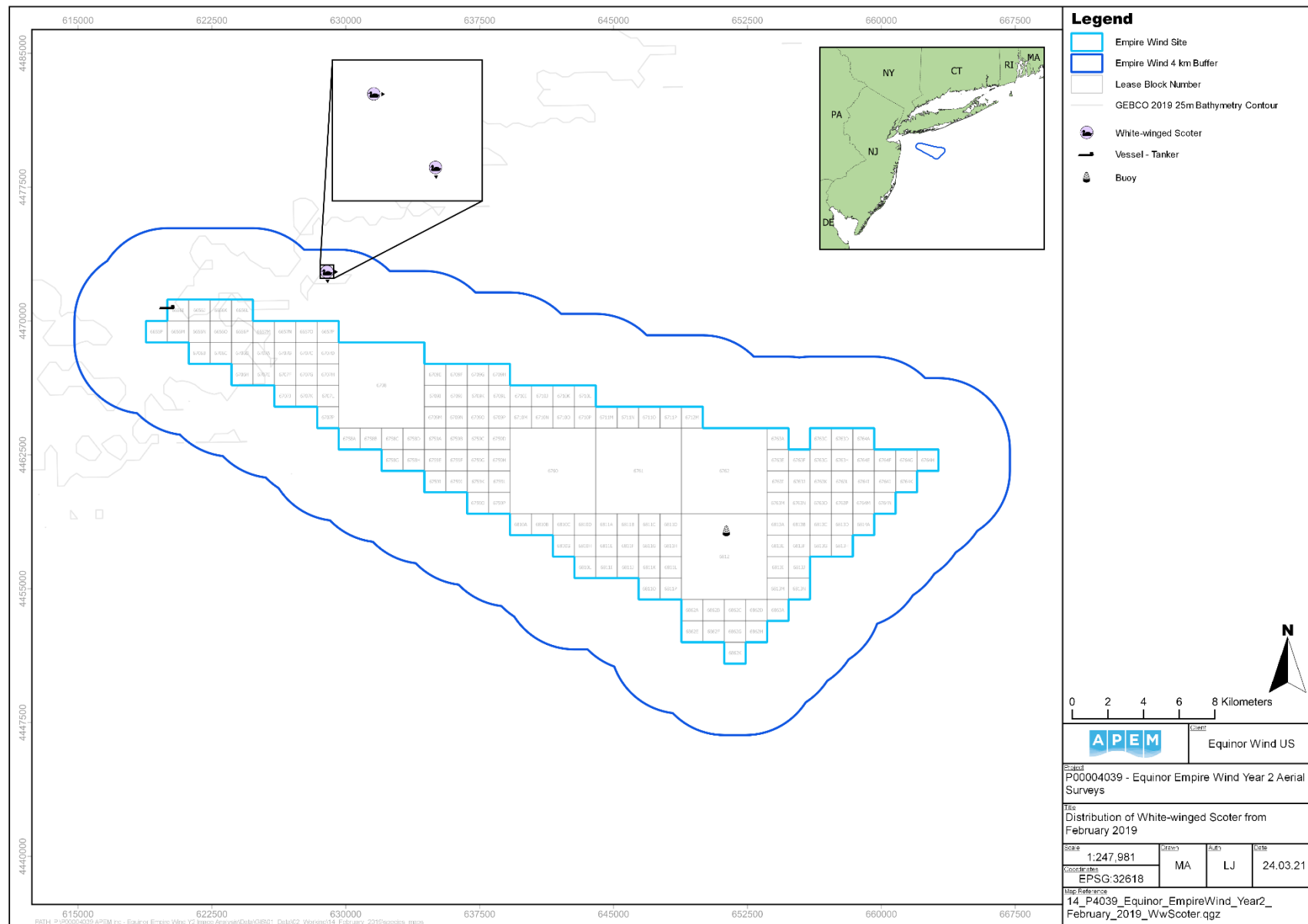


Figure 54 Distribution of white-winged scoter recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

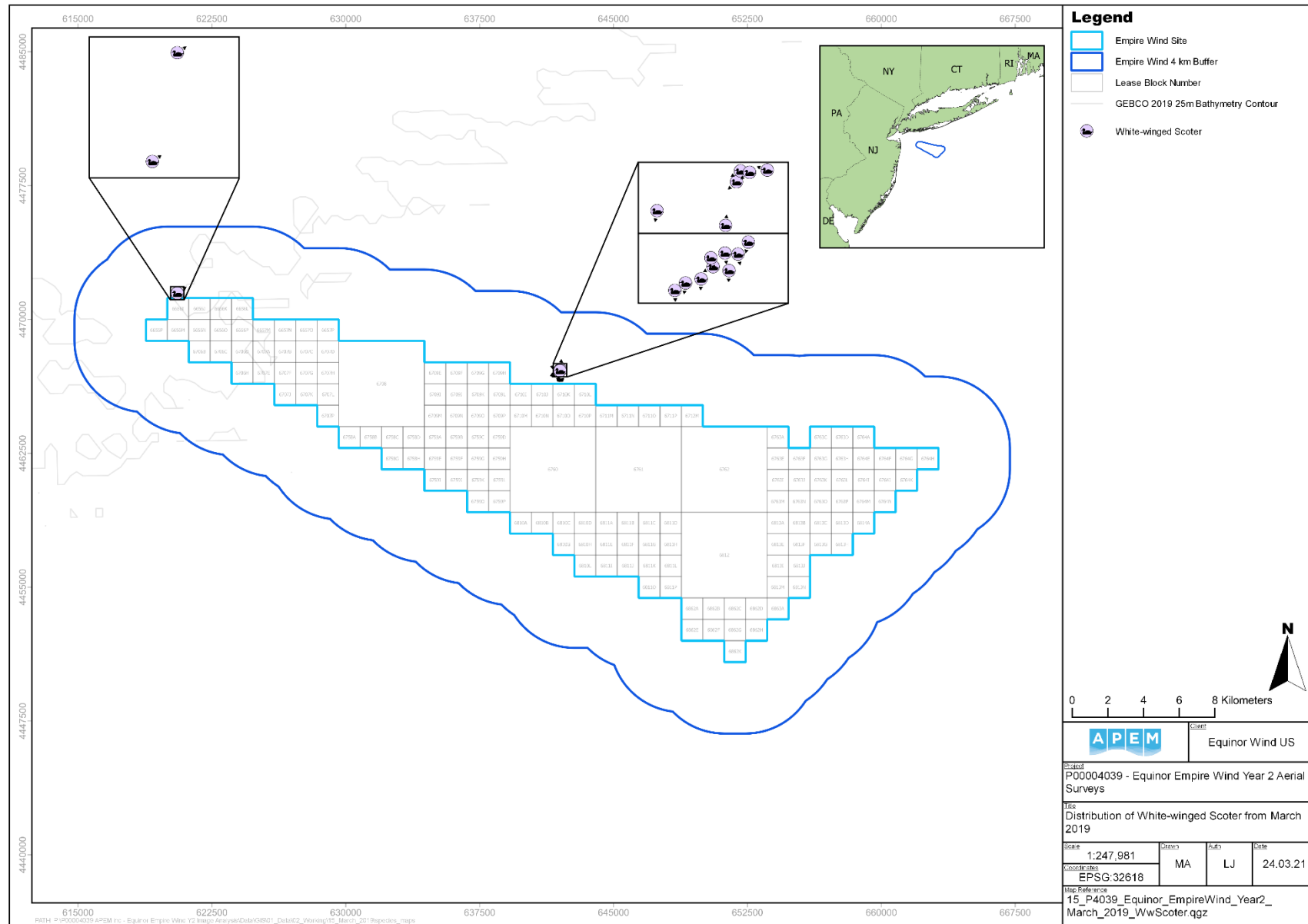


Figure 55 Distribution of white-winged scoter recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

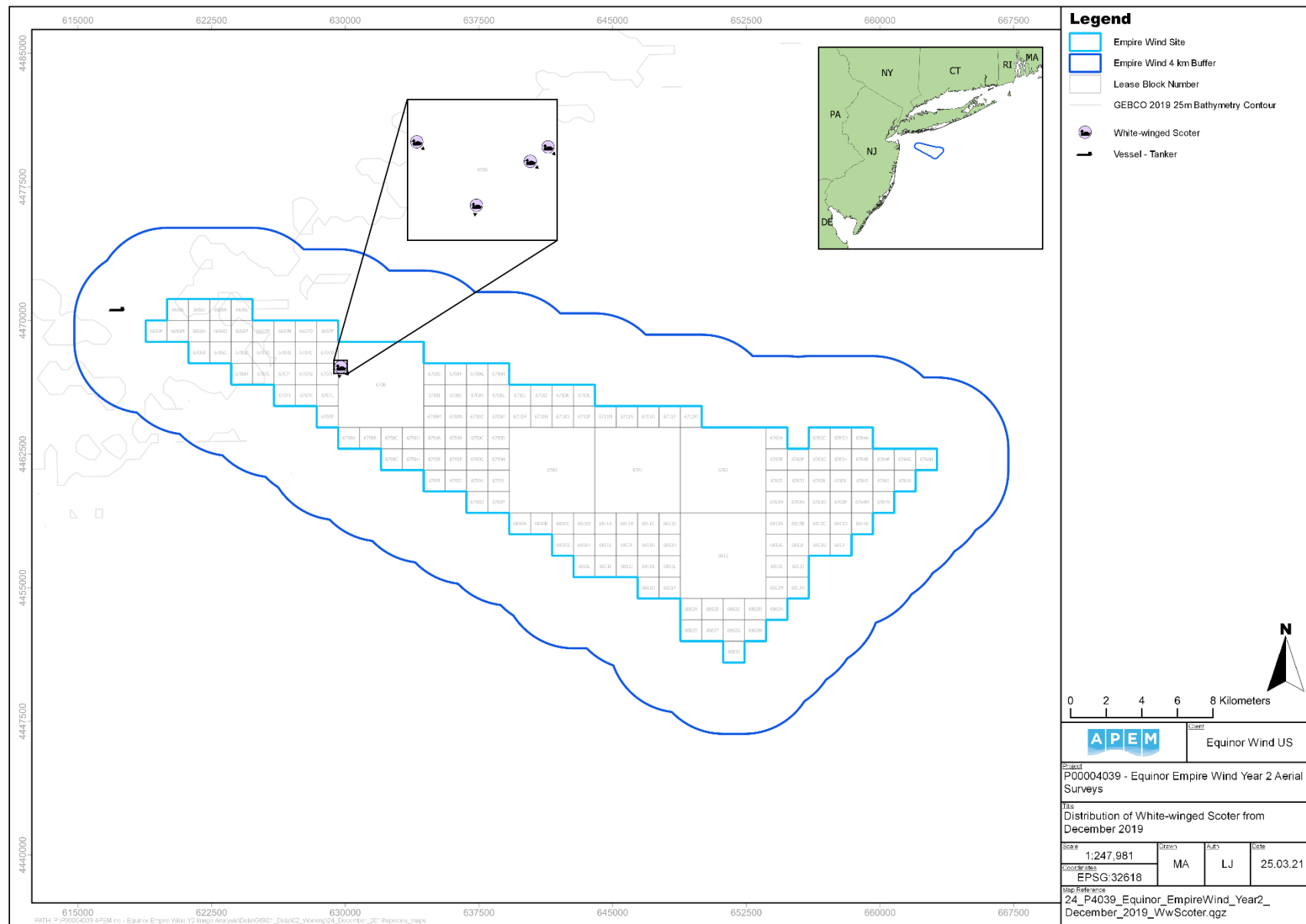


Figure 56 Distribution of white-winged scoter recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

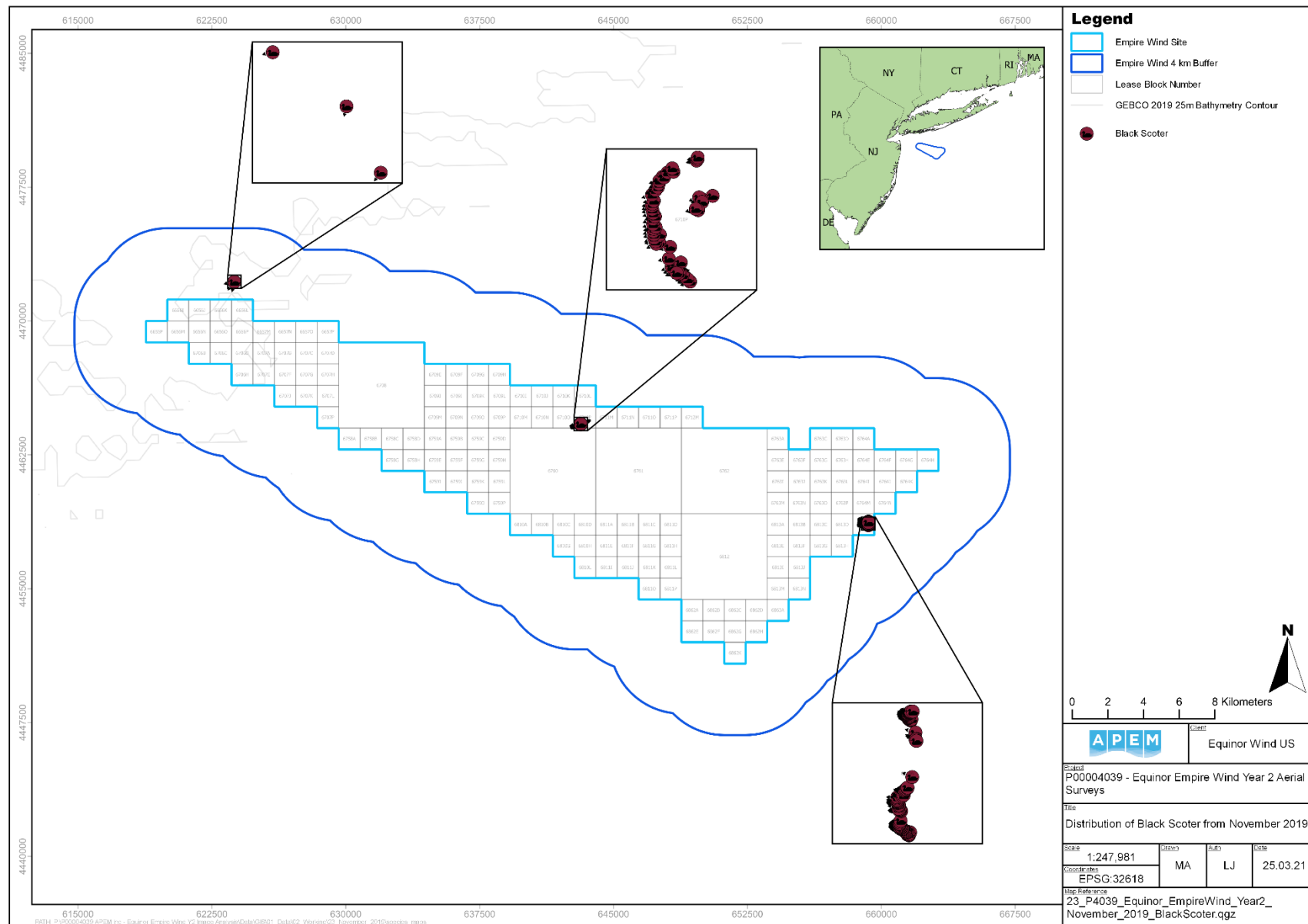


Figure 57

Distribution of black scoter recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

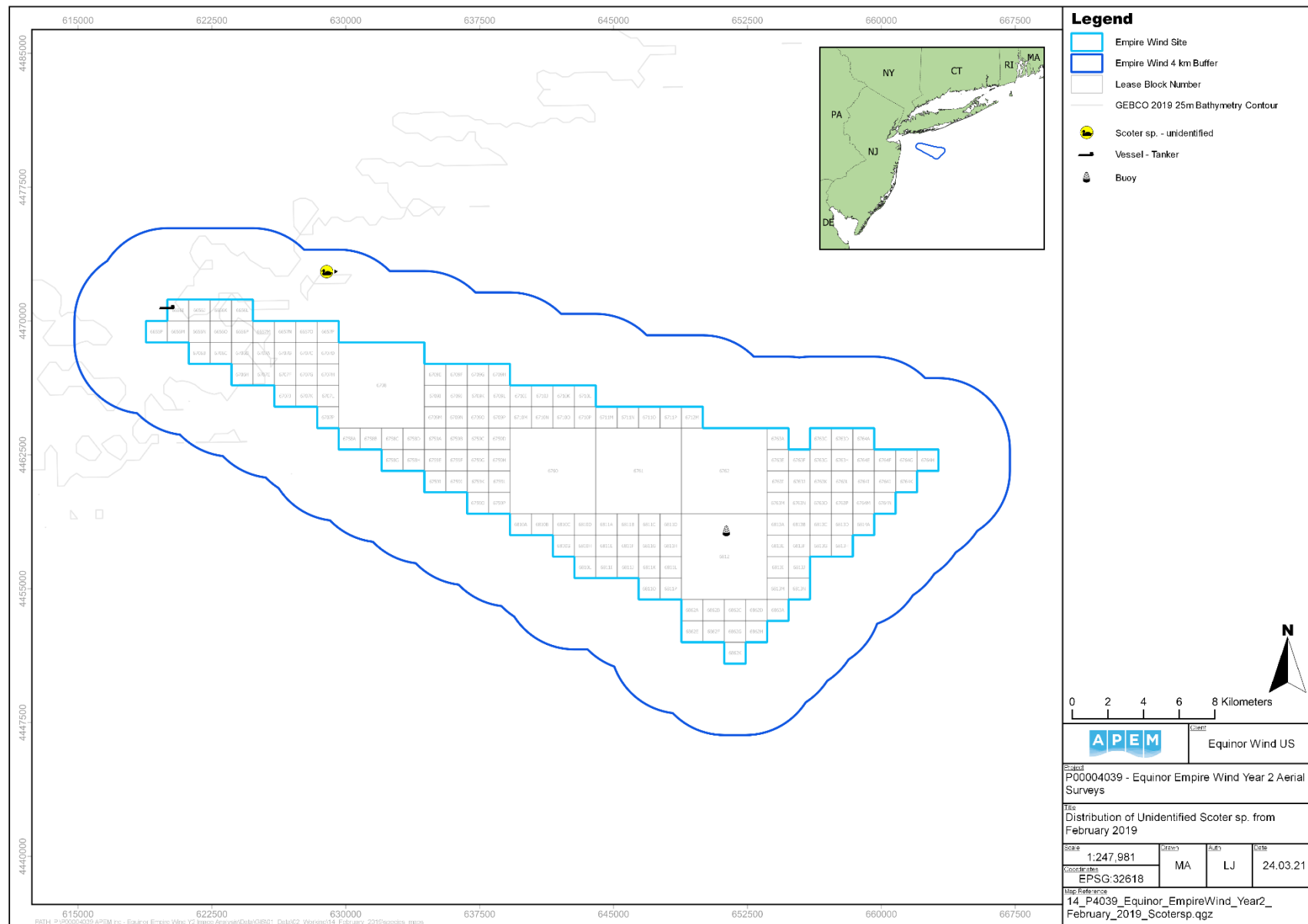


Figure 58 Distribution of unidentified scoter species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

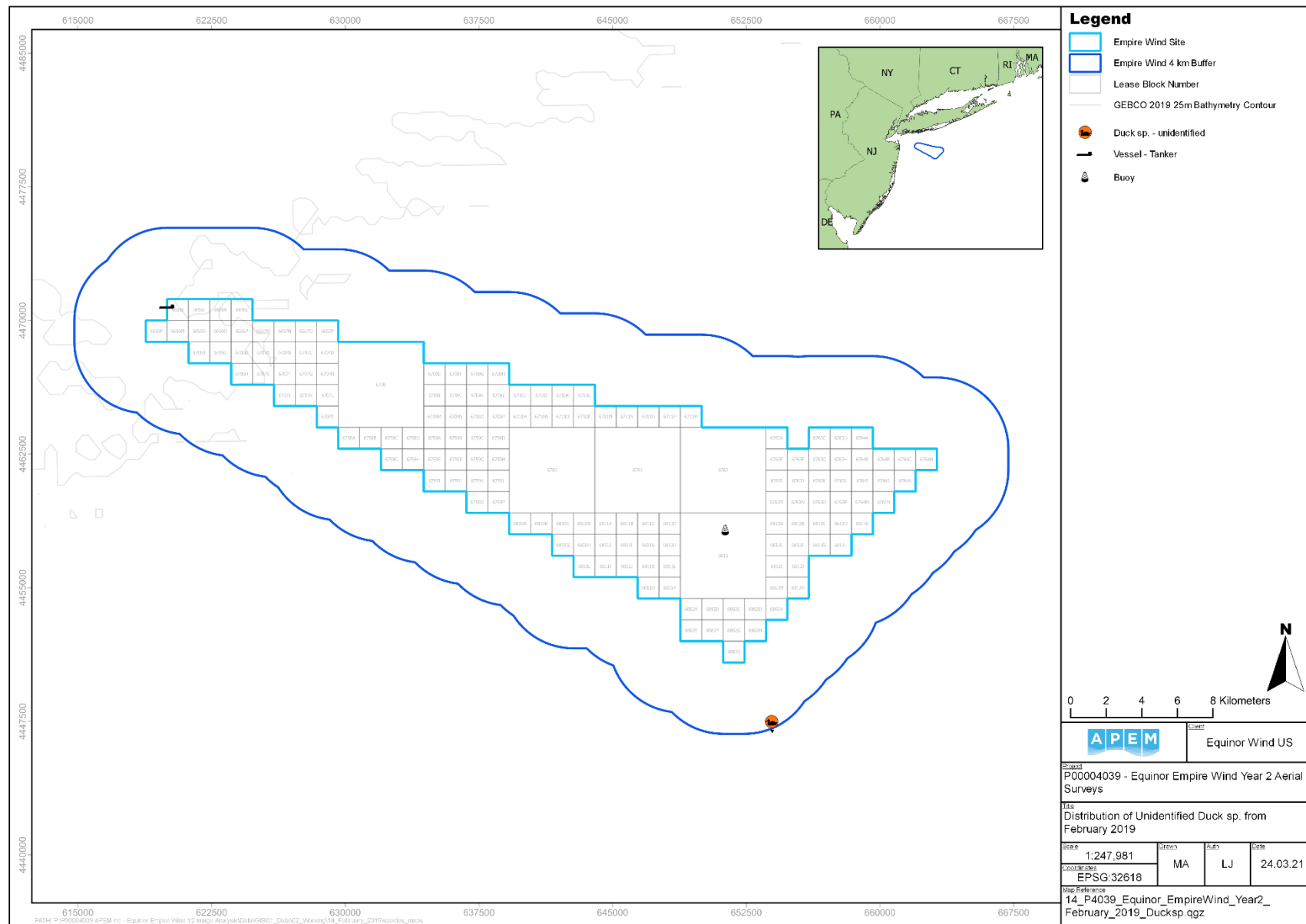


Figure 59 Distribution of unidentified duck species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

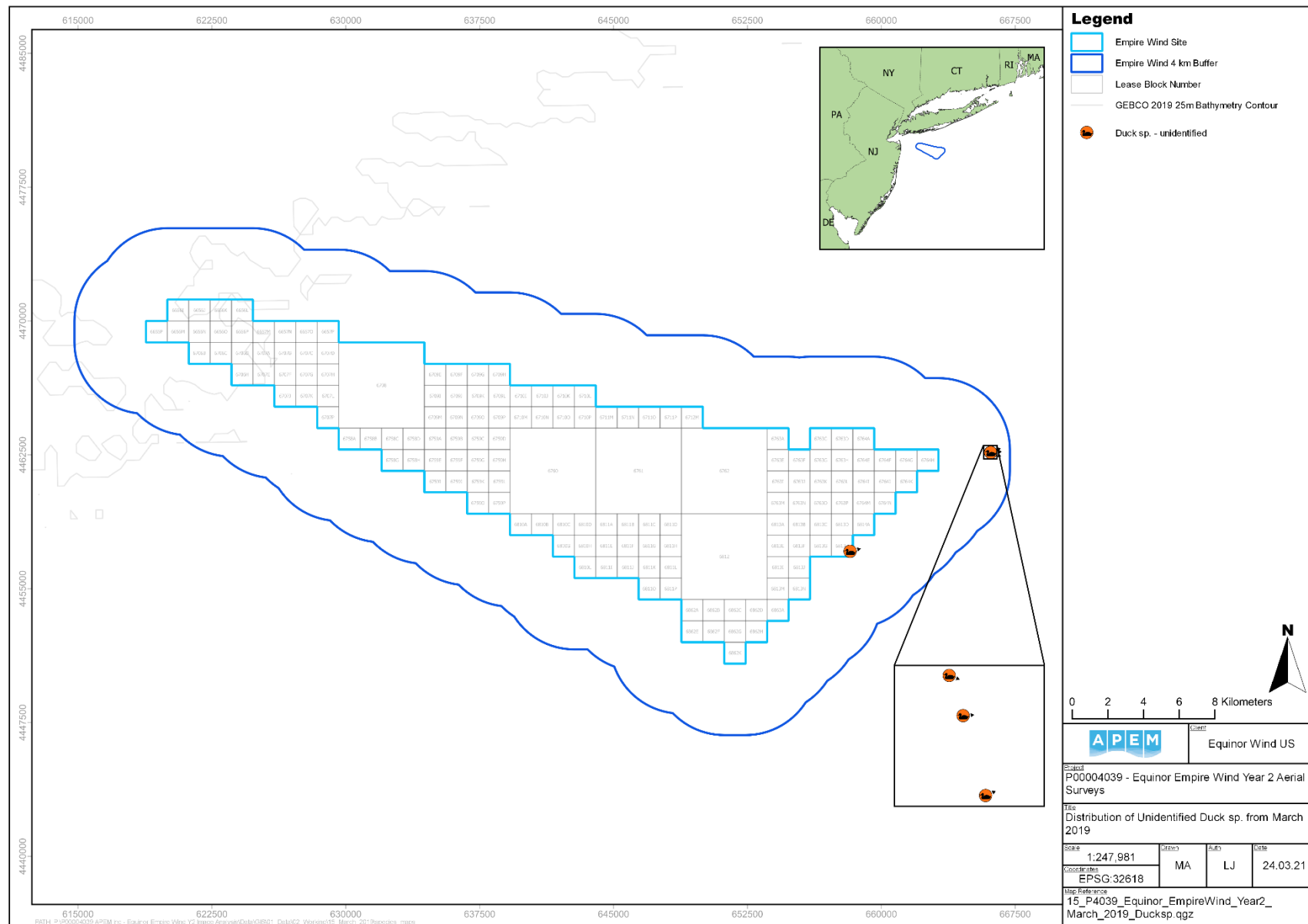


Figure 60 Distribution of unidentified duck species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

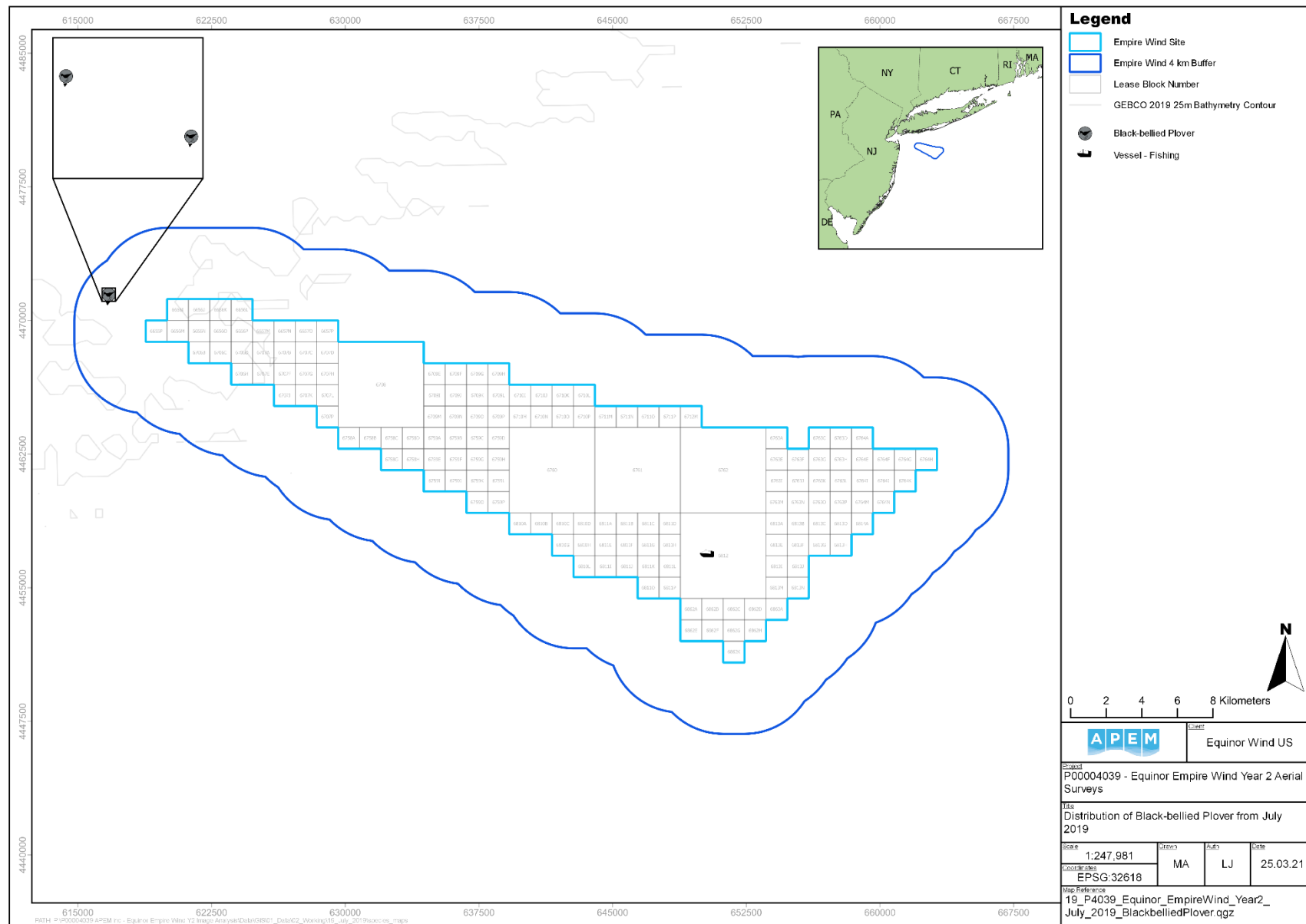


Figure 61

Distribution of black-bellied plover recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

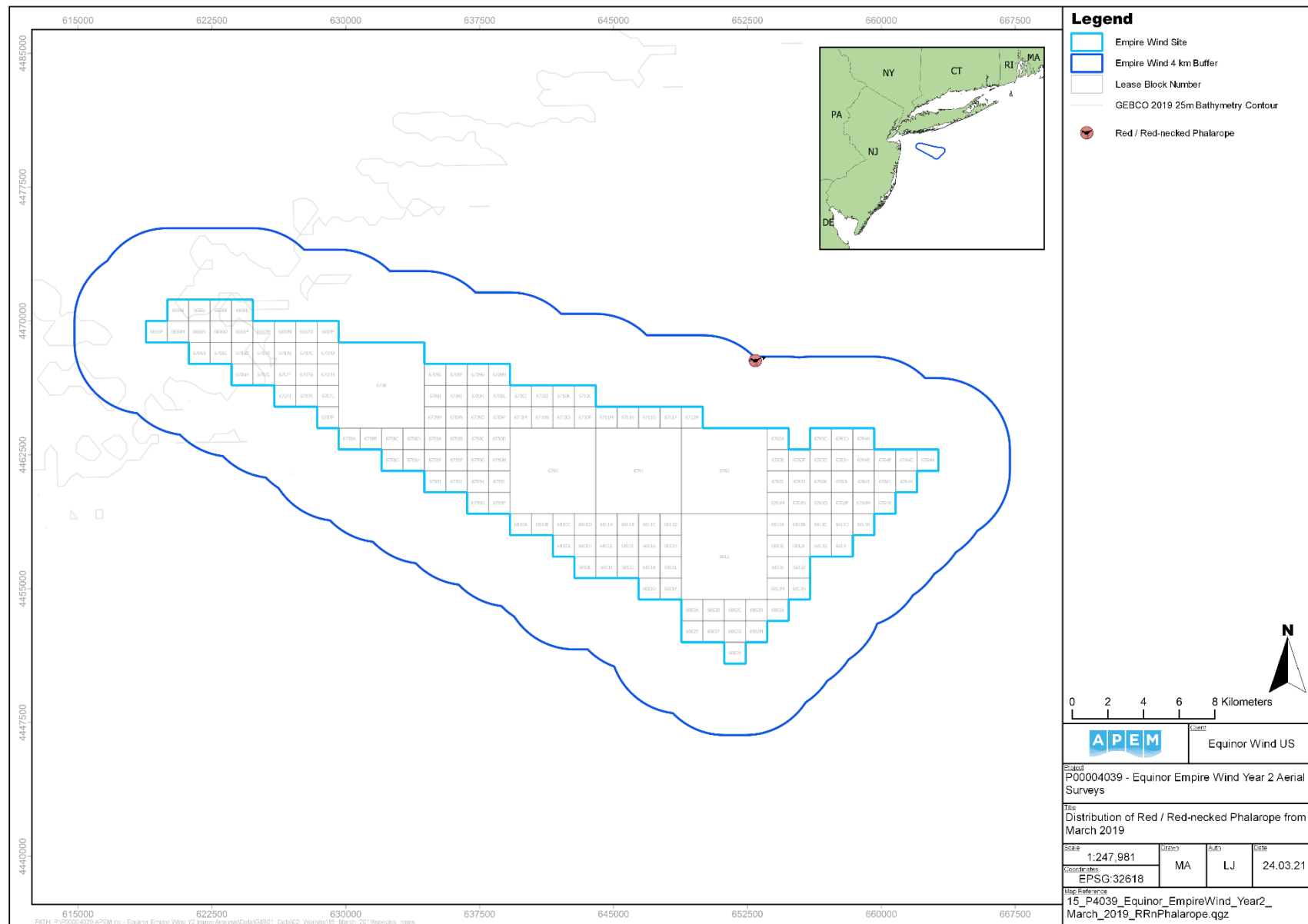


Figure 62 Distribution of red / red-necked phalarope recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

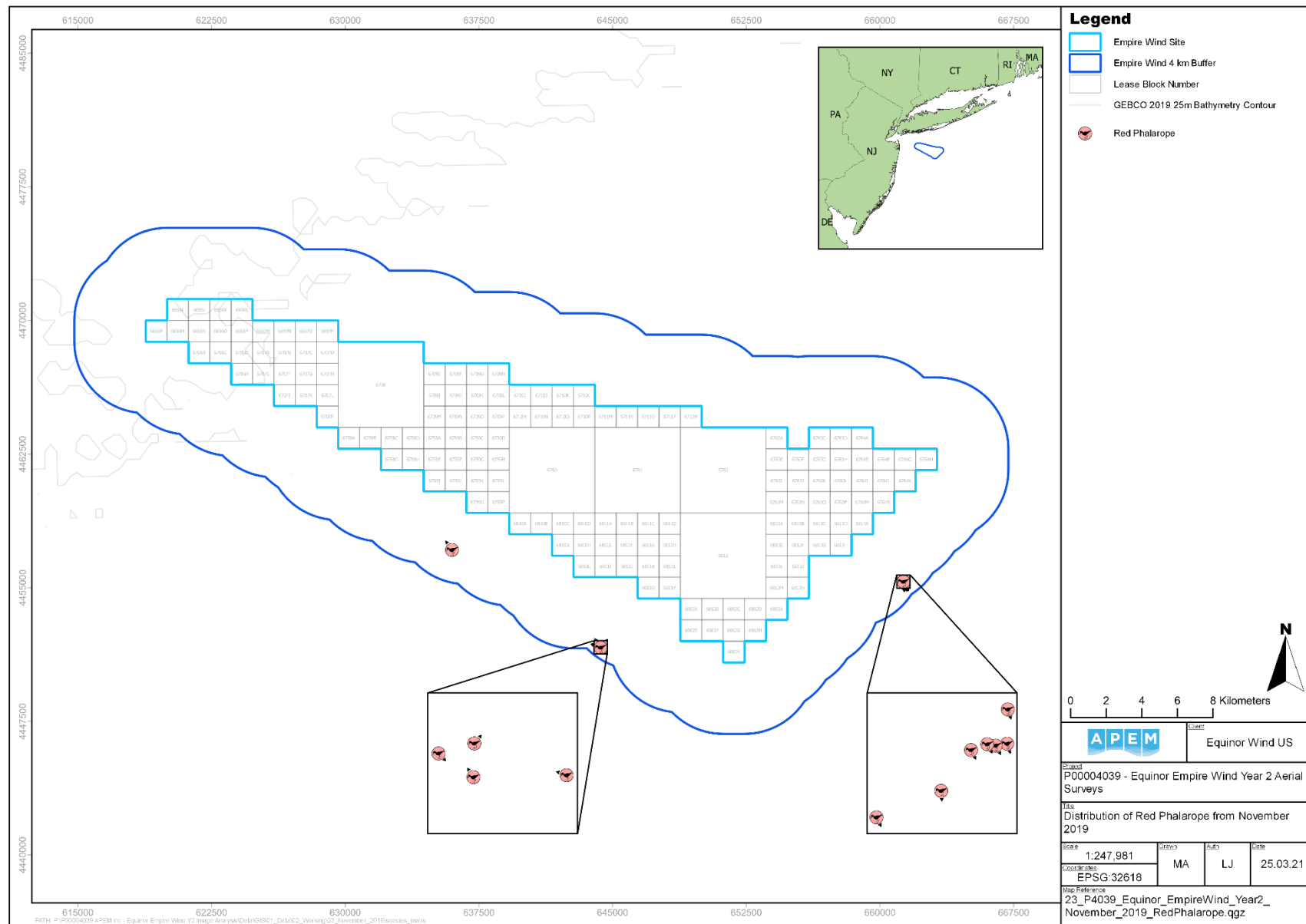


Figure 63 Distribution of red phalarope recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

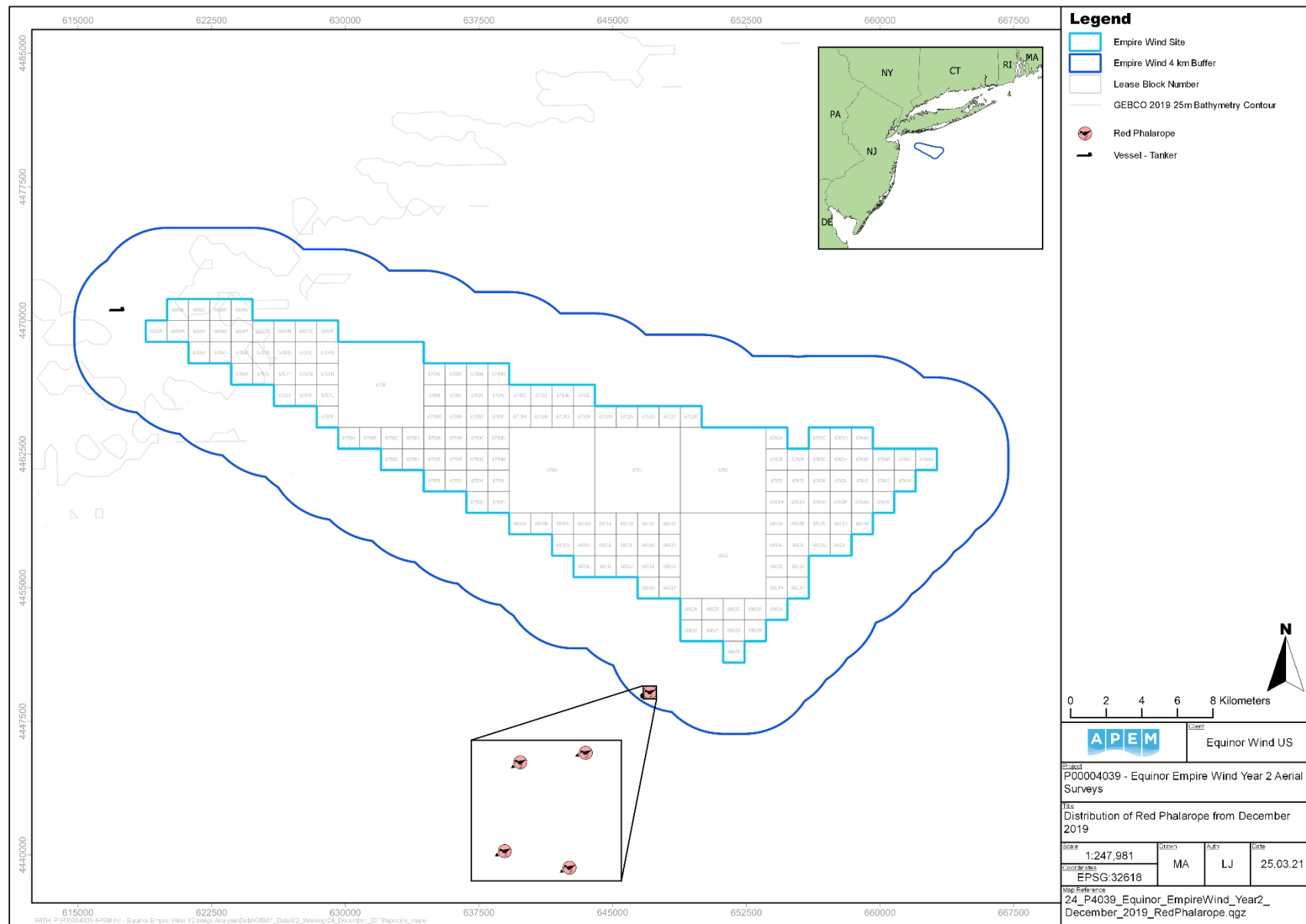


Figure 64 Distribution of red phalarope recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

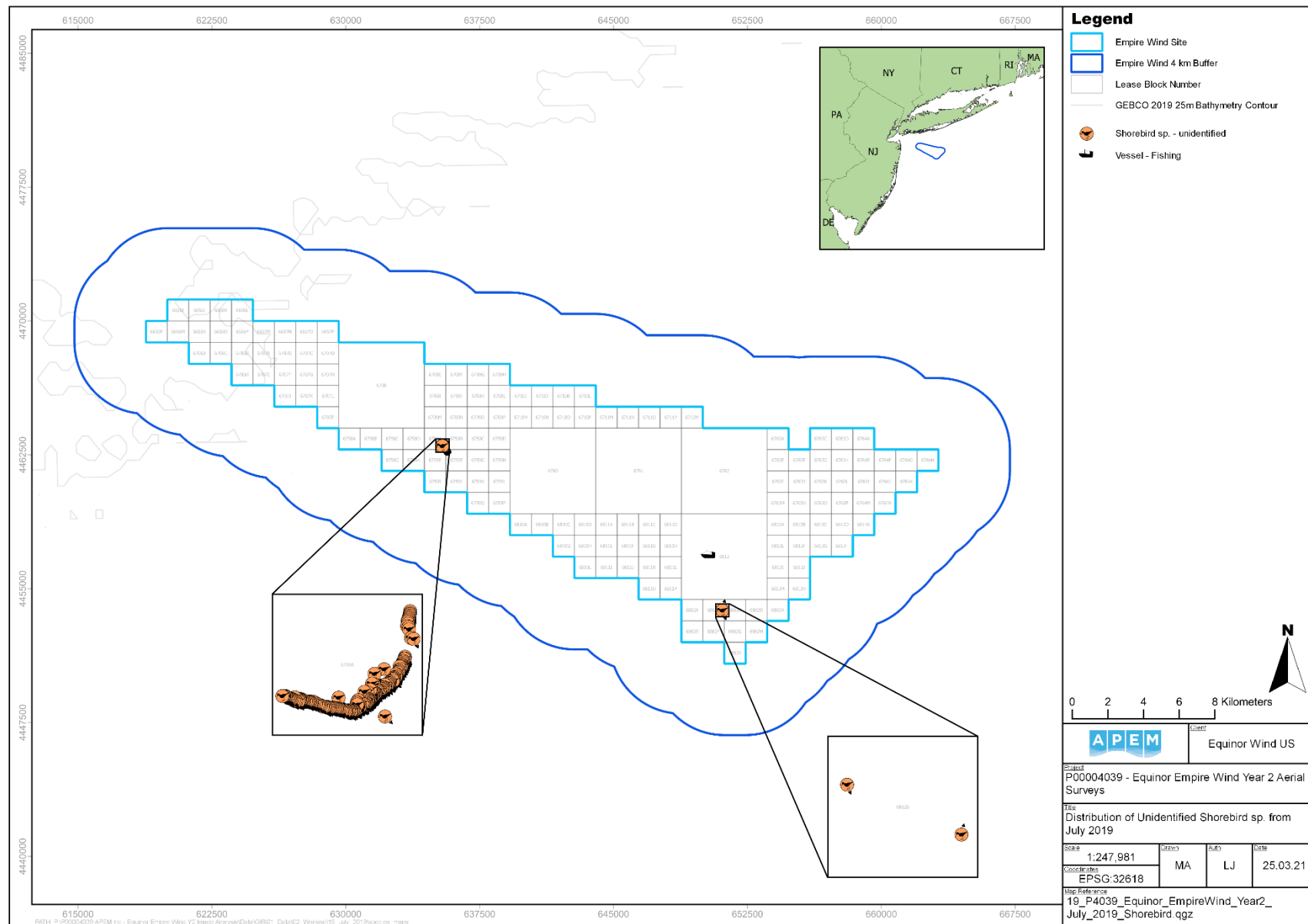


Figure 65 Distribution of unidentified shorebird species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

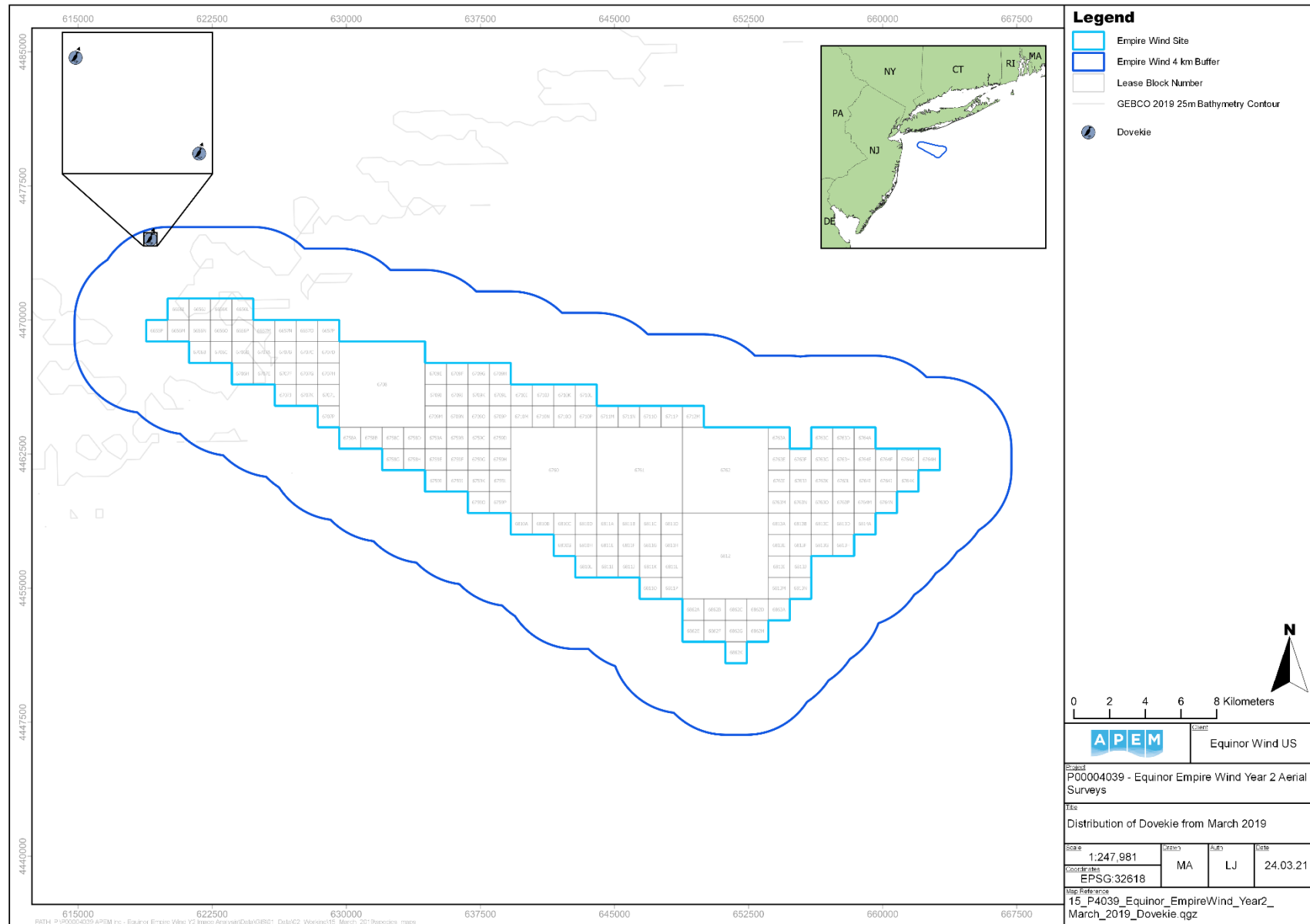


Figure 66 Distribution of dovekie recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

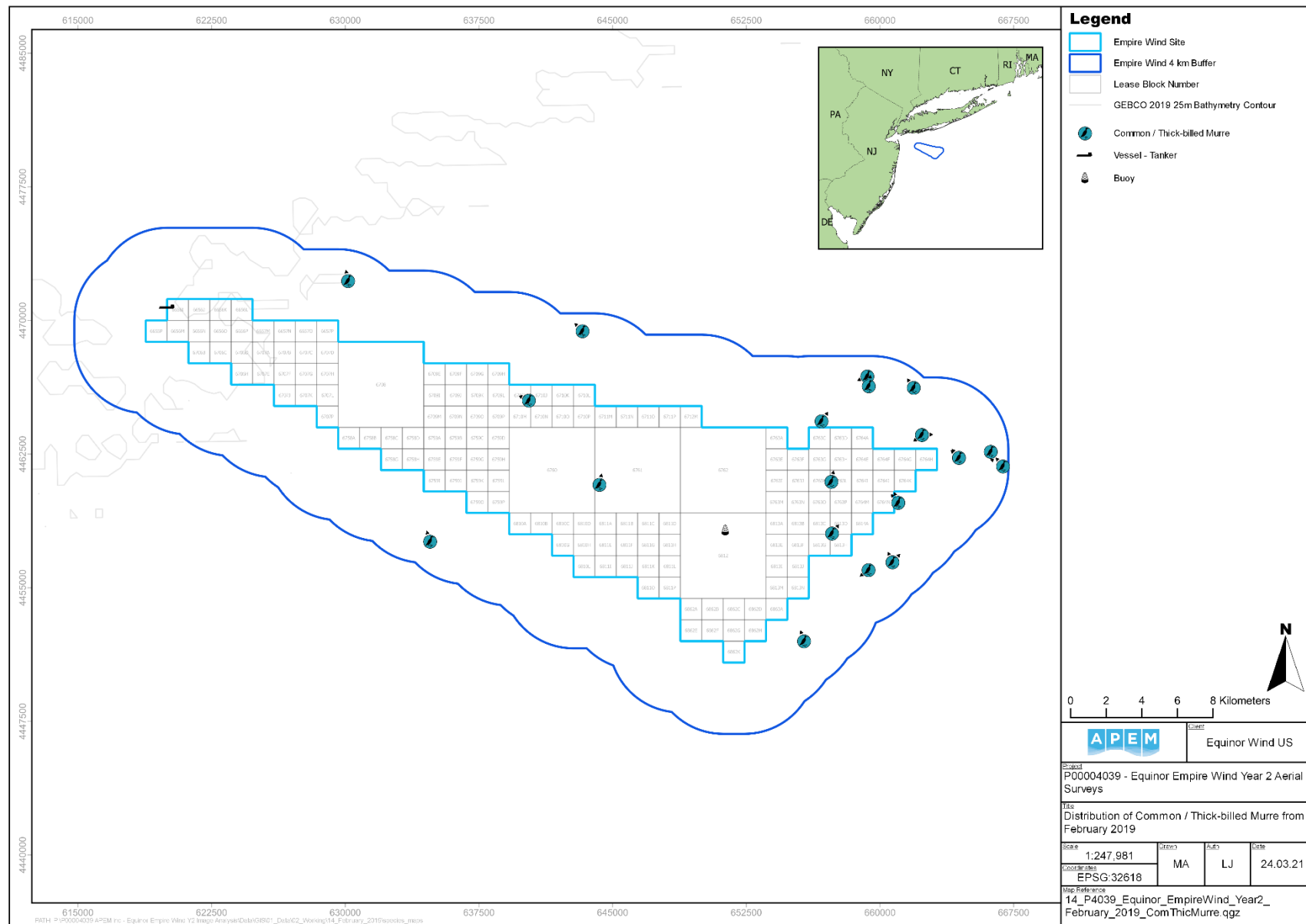


Figure 67

Distribution of common / thick-billed murre recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

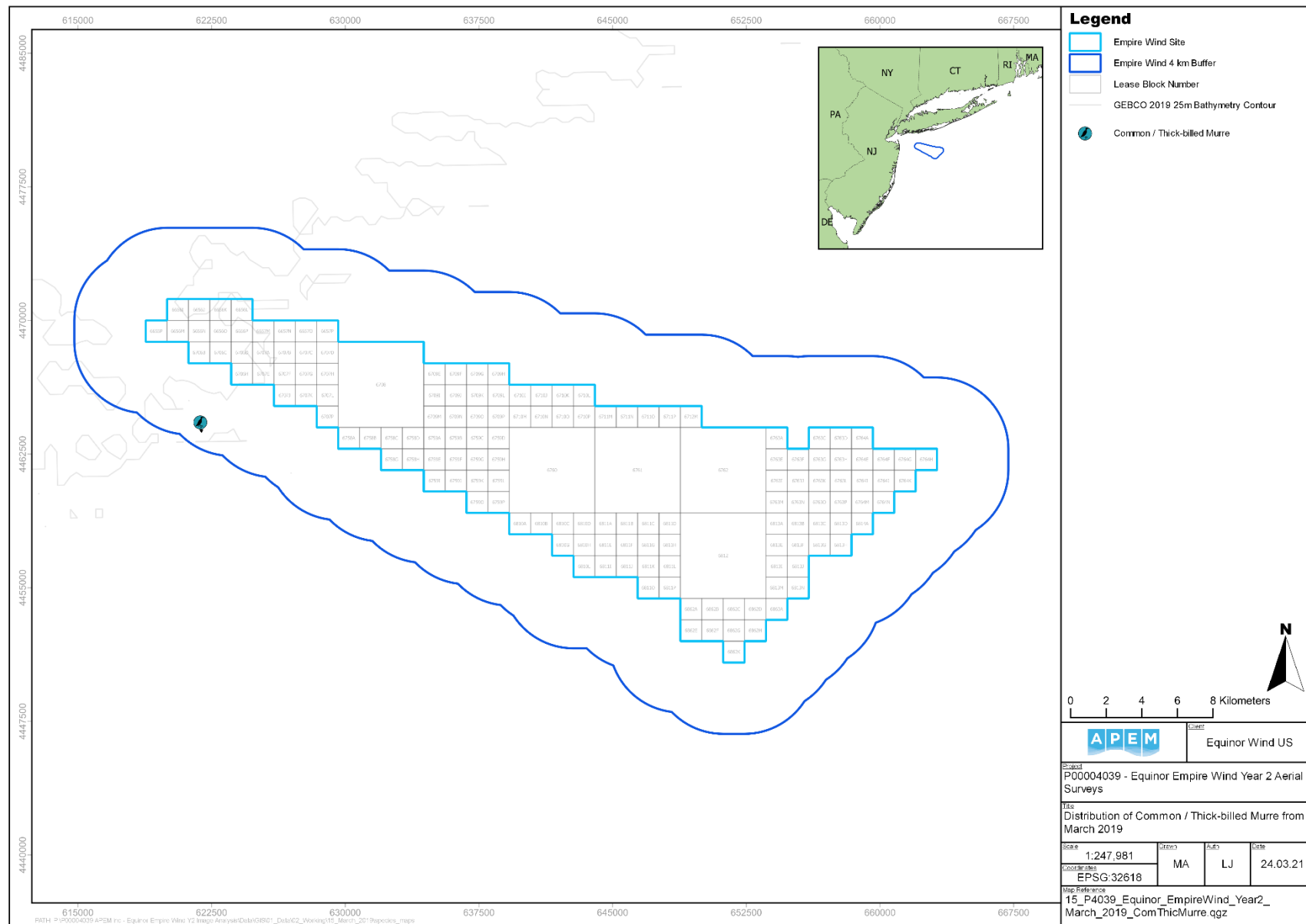


Figure 68

Distribution of common / thick-billed murre recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

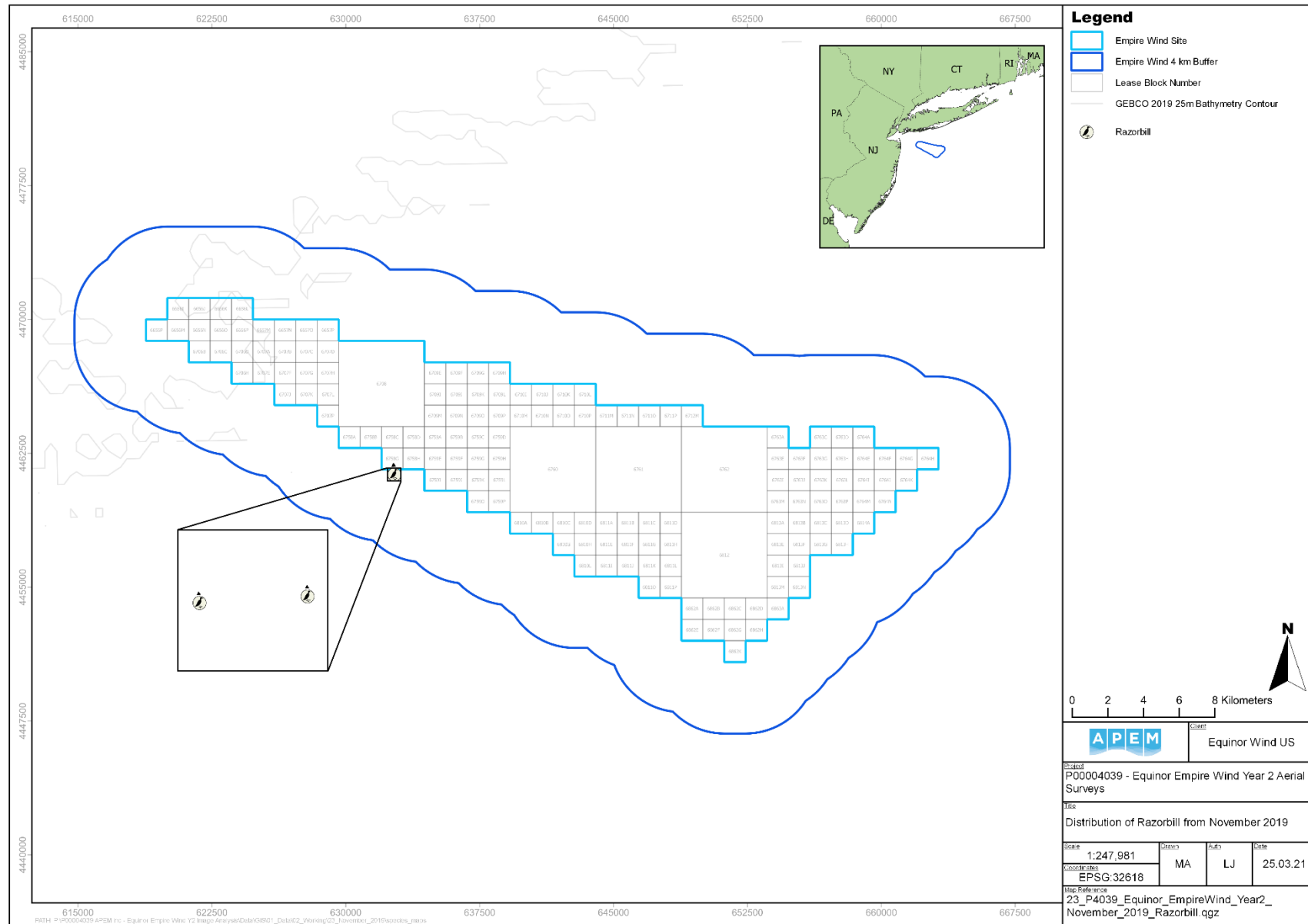


Figure 69 Distribution of razorbill recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

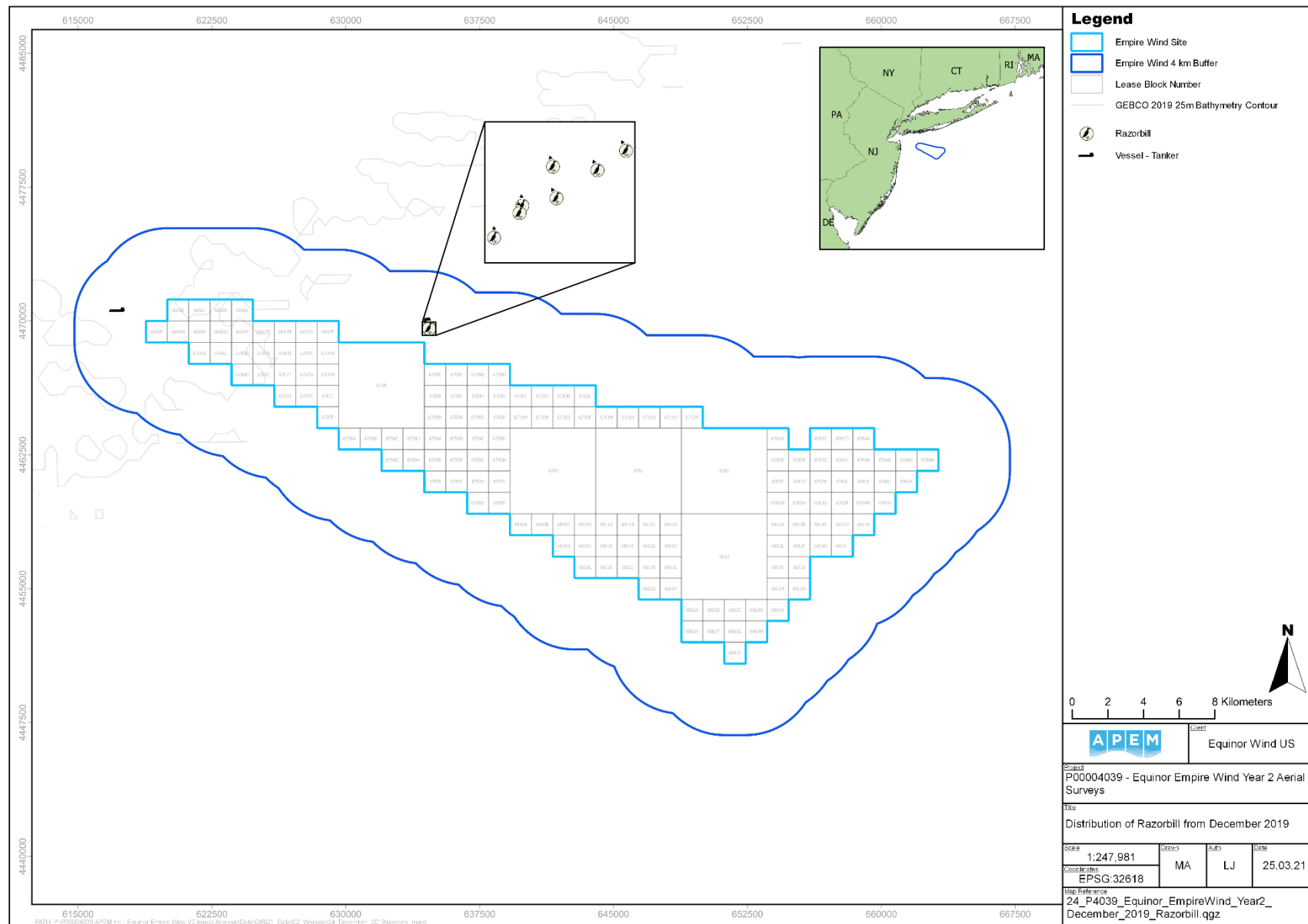


Figure 70 Distribution of razorbill recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

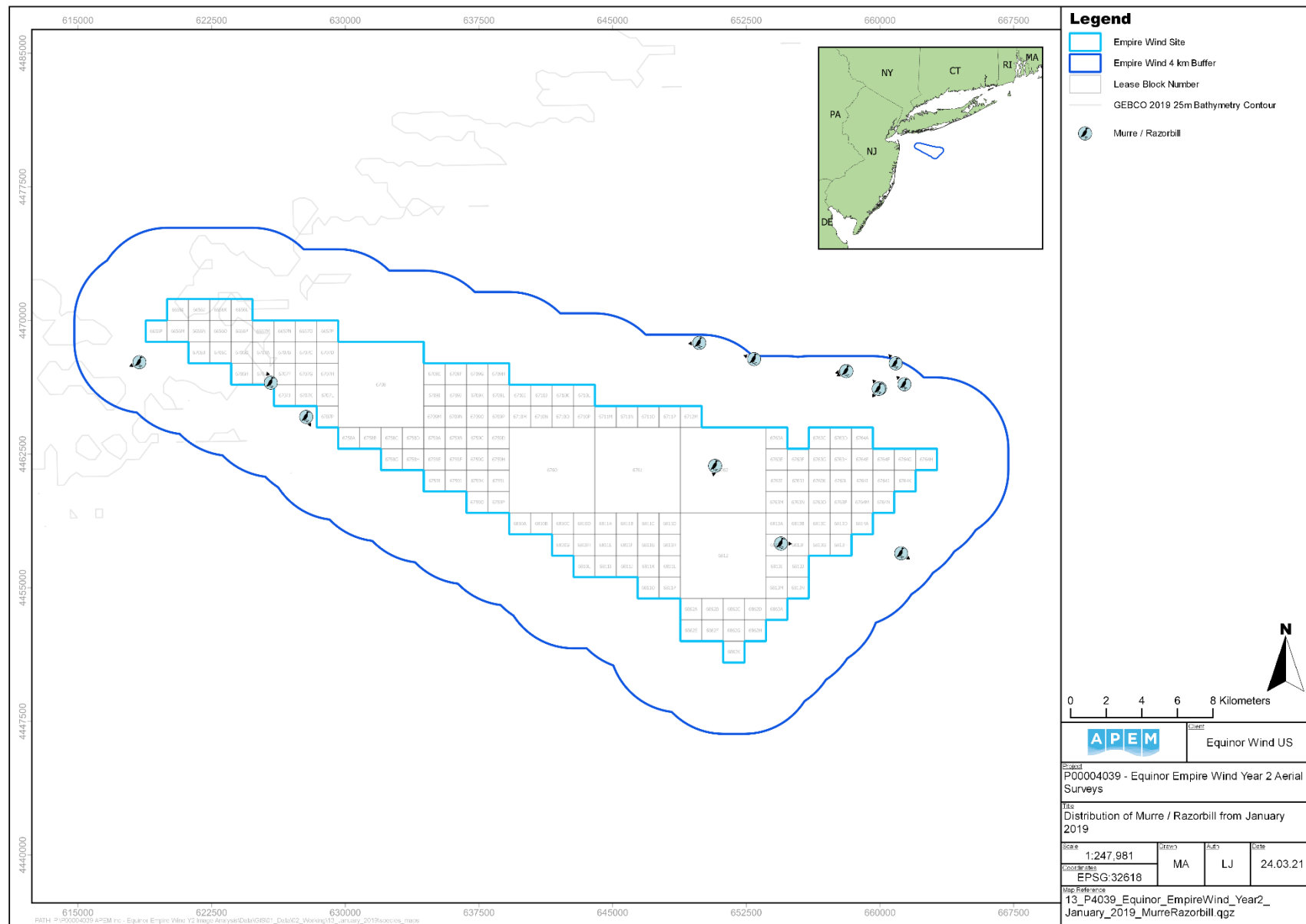


Figure 71

Distribution of murre / razorbill recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 13

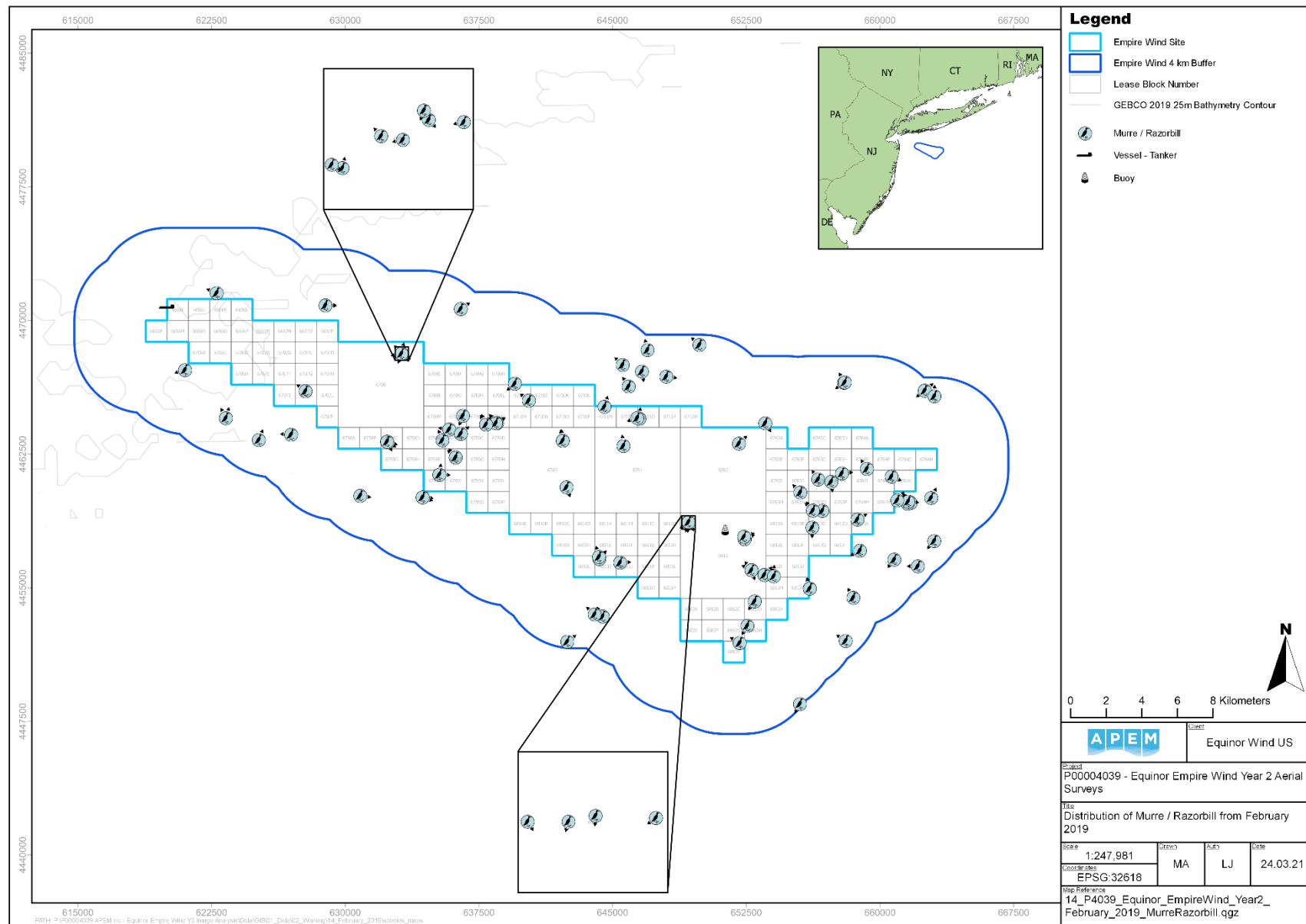


Figure 72

Distribution of murre / razorbill recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

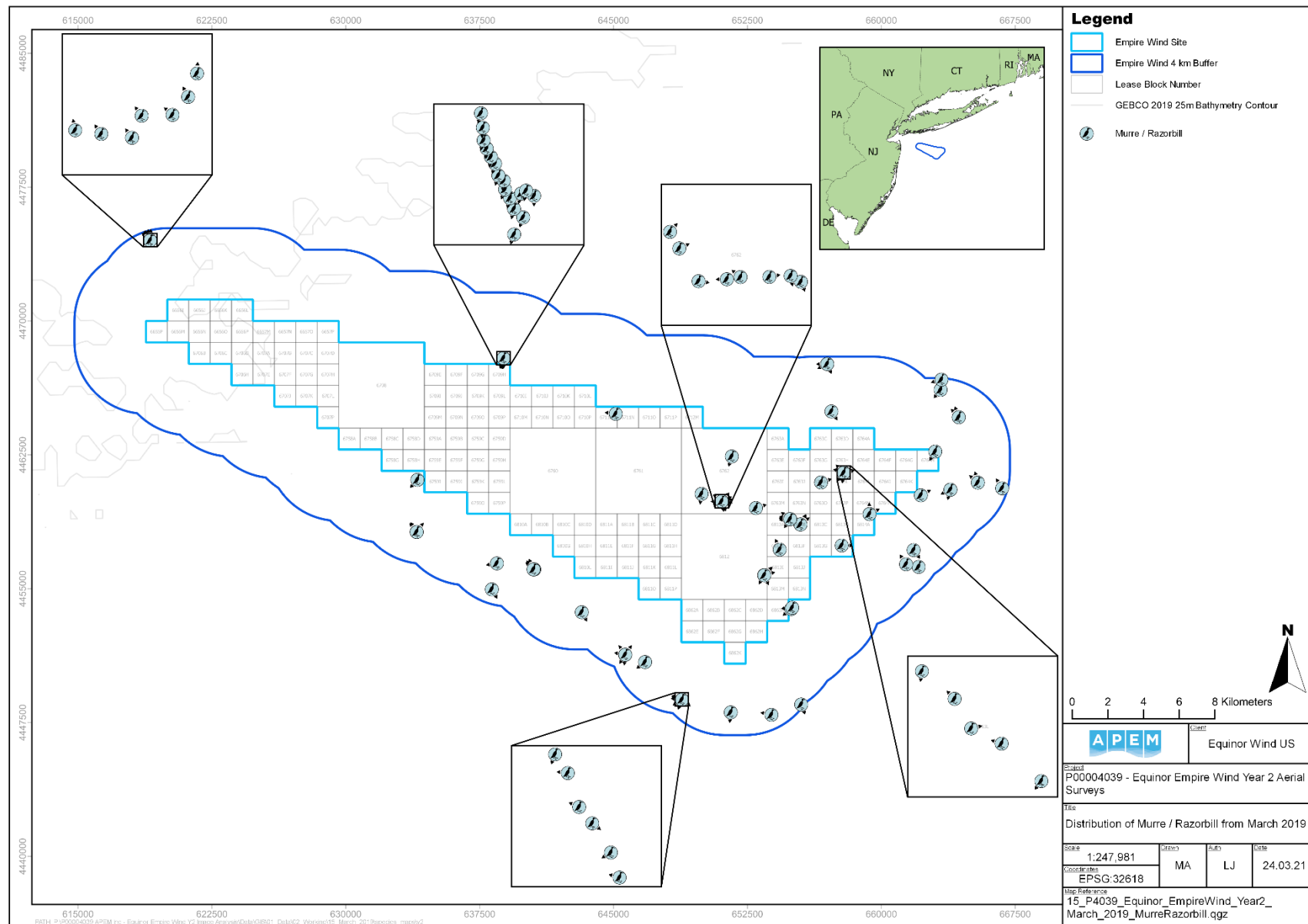


Figure 73

Distribution of murre / razorbill recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

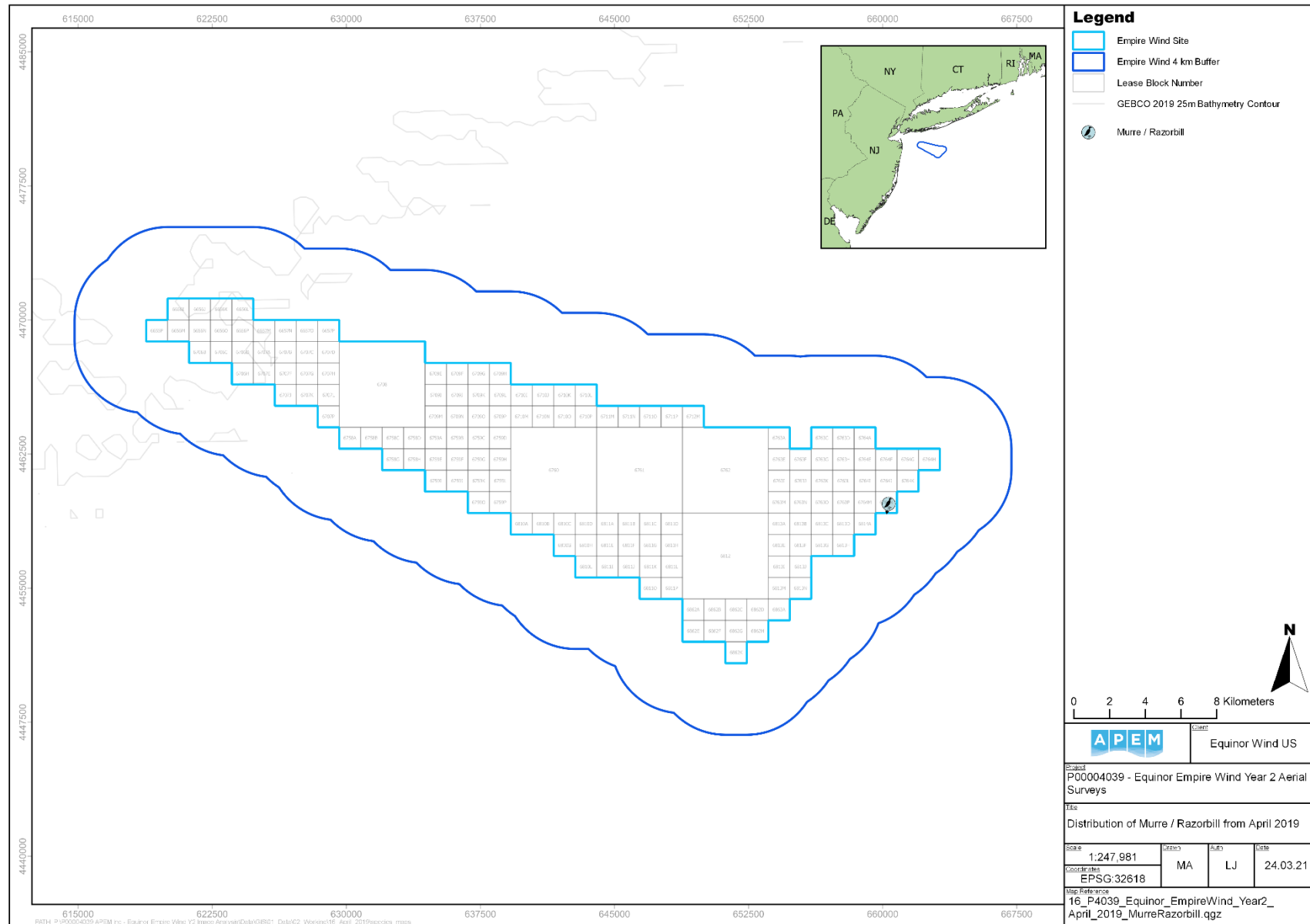


Figure 74 Distribution of murre / razorbill recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

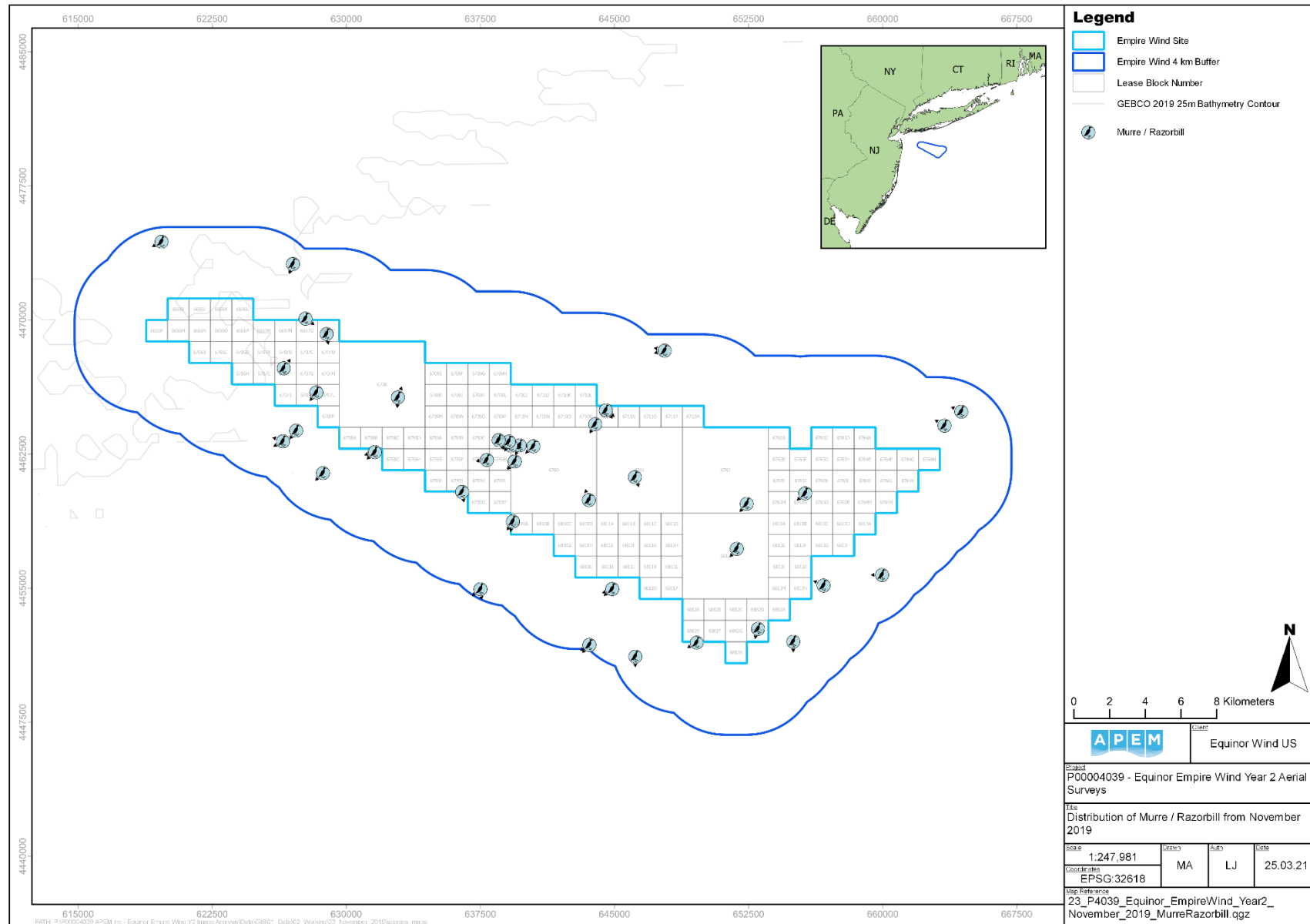


Figure 75

Distribution of murre / razorbill recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

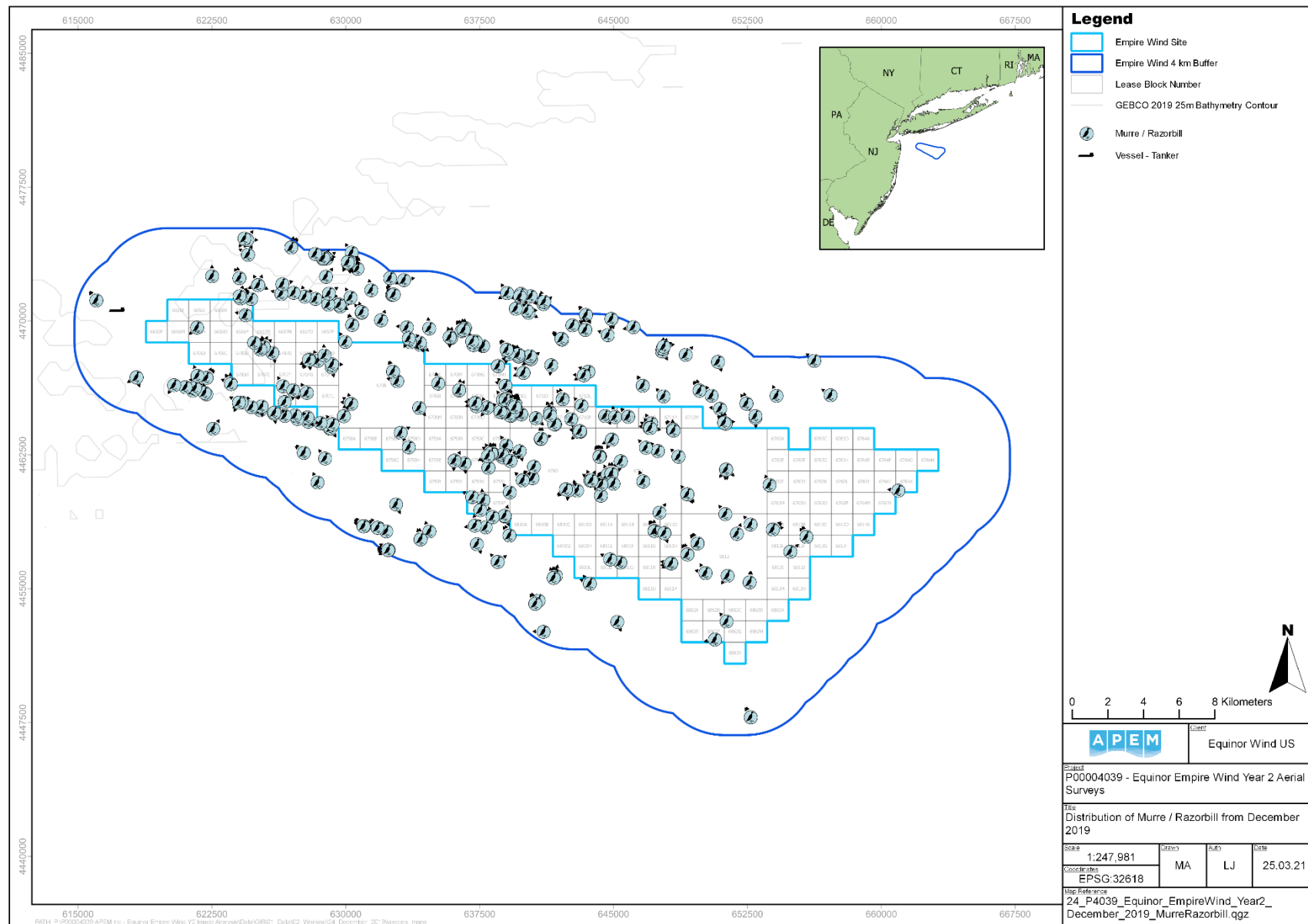


Figure 76

Distribution of murre / razorbill recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

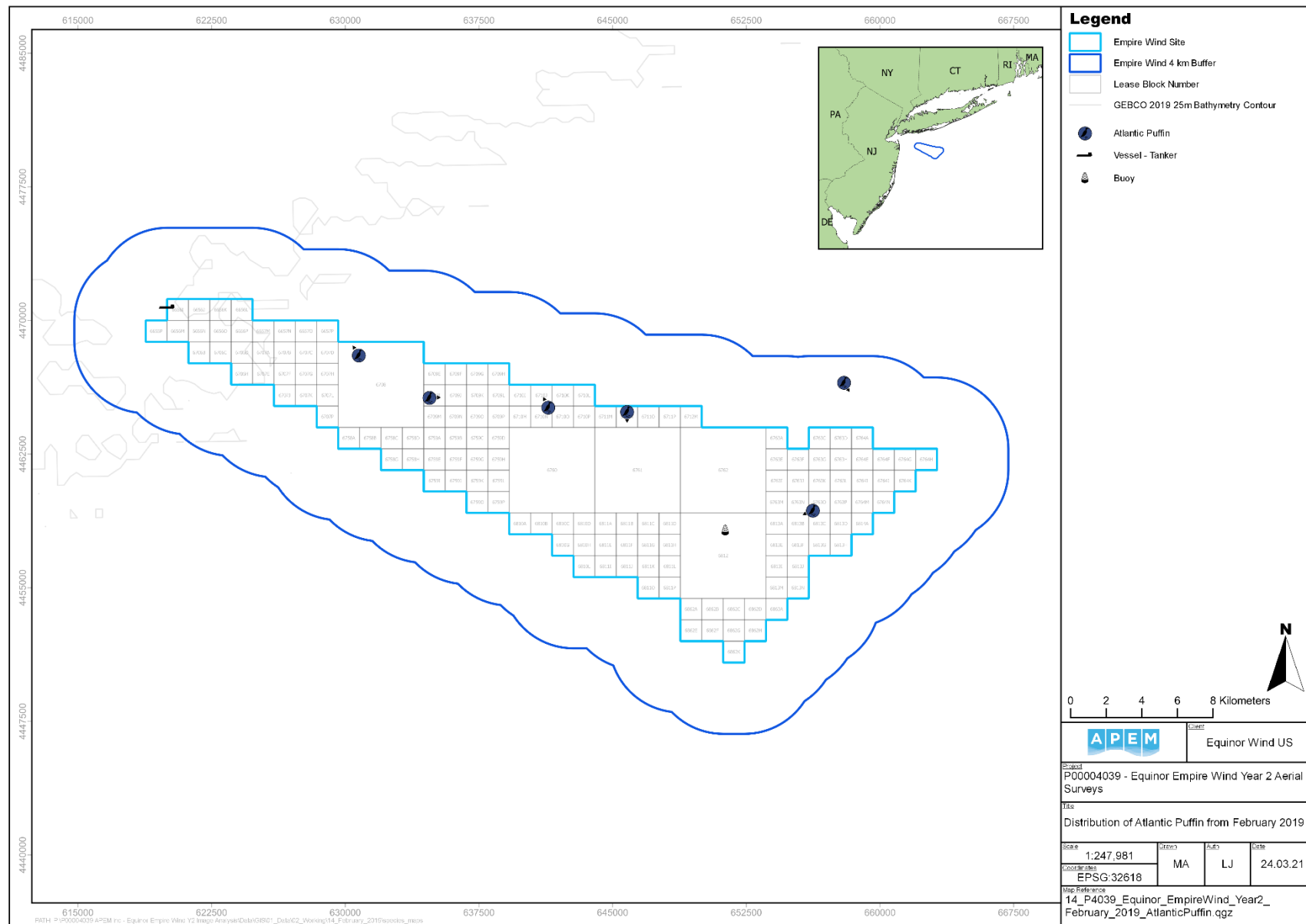


Figure 77 Distribution of Atlantic puffin recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

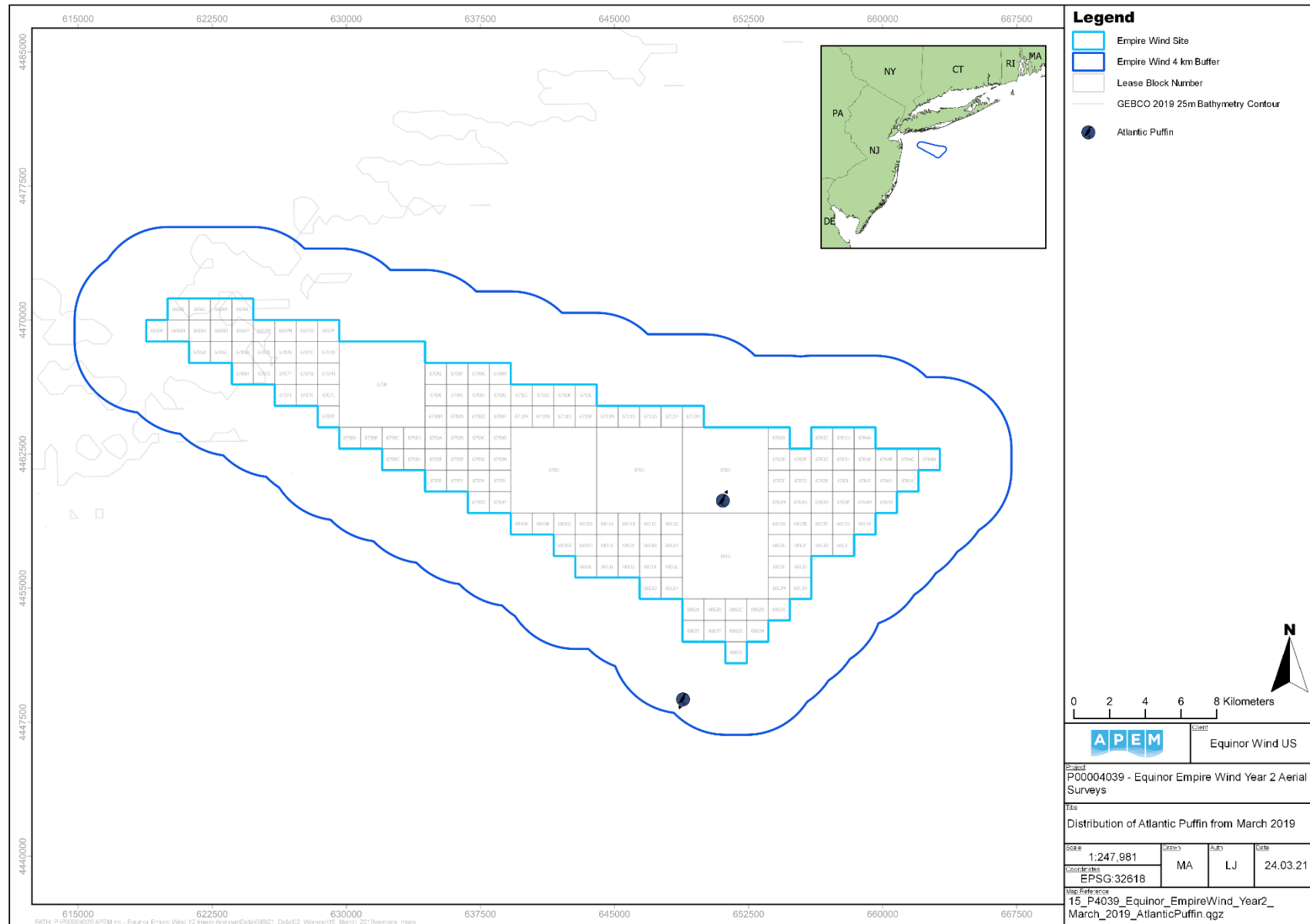


Figure 78 Distribution of Atlantic puffin recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

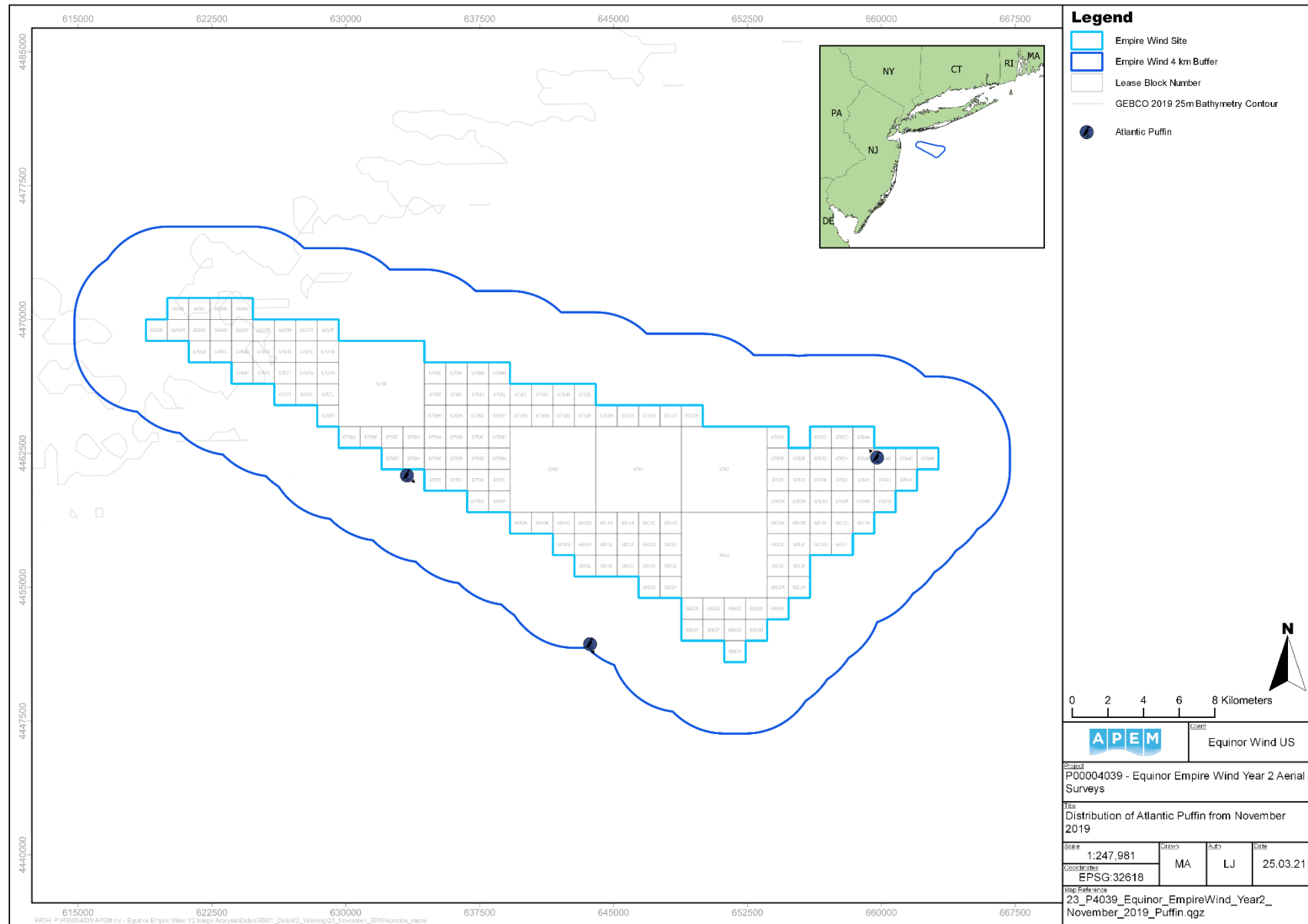


Figure 79 Distribution of Atlantic puffin recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

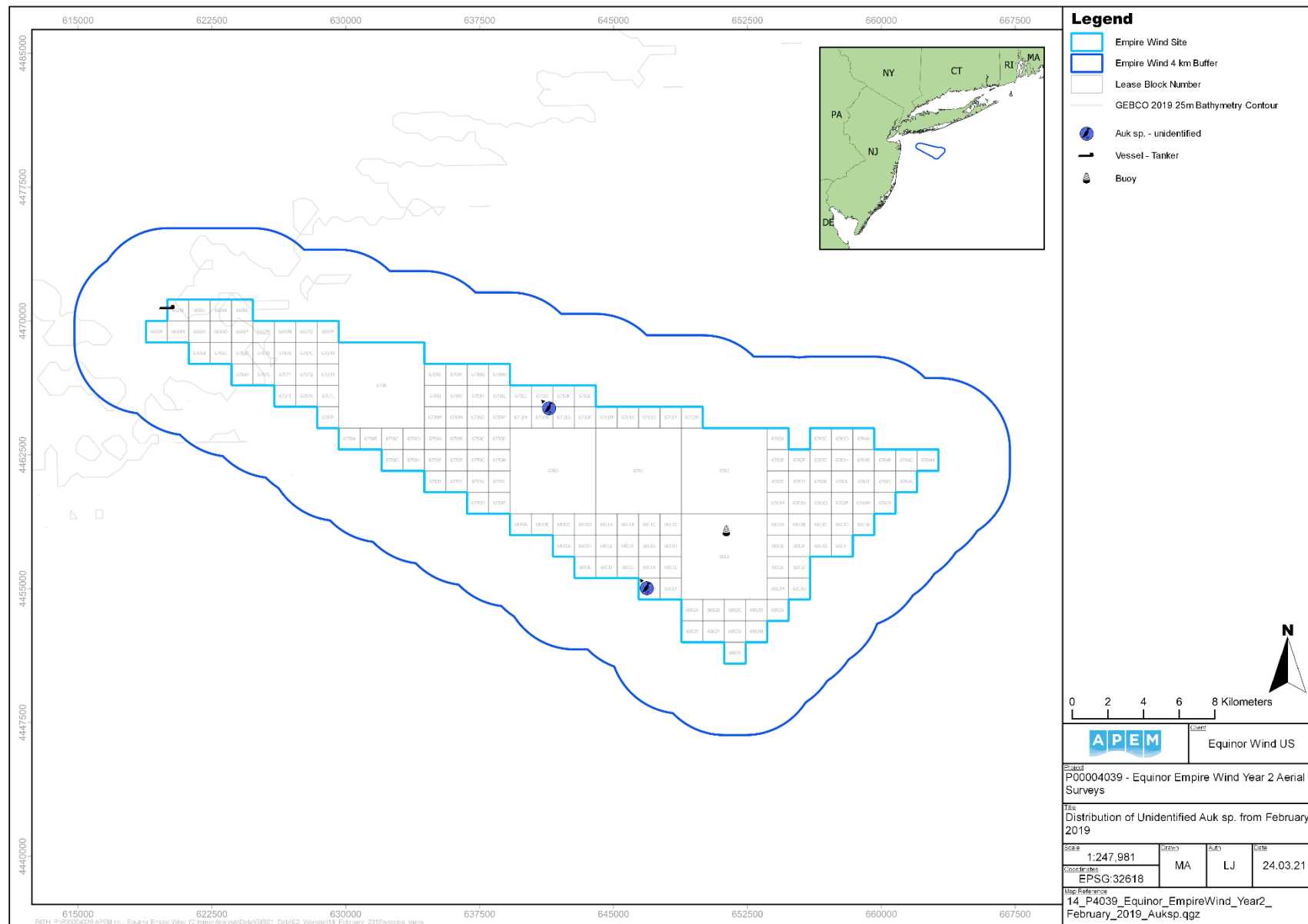


Figure 80 Distribution of unidentified auk species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

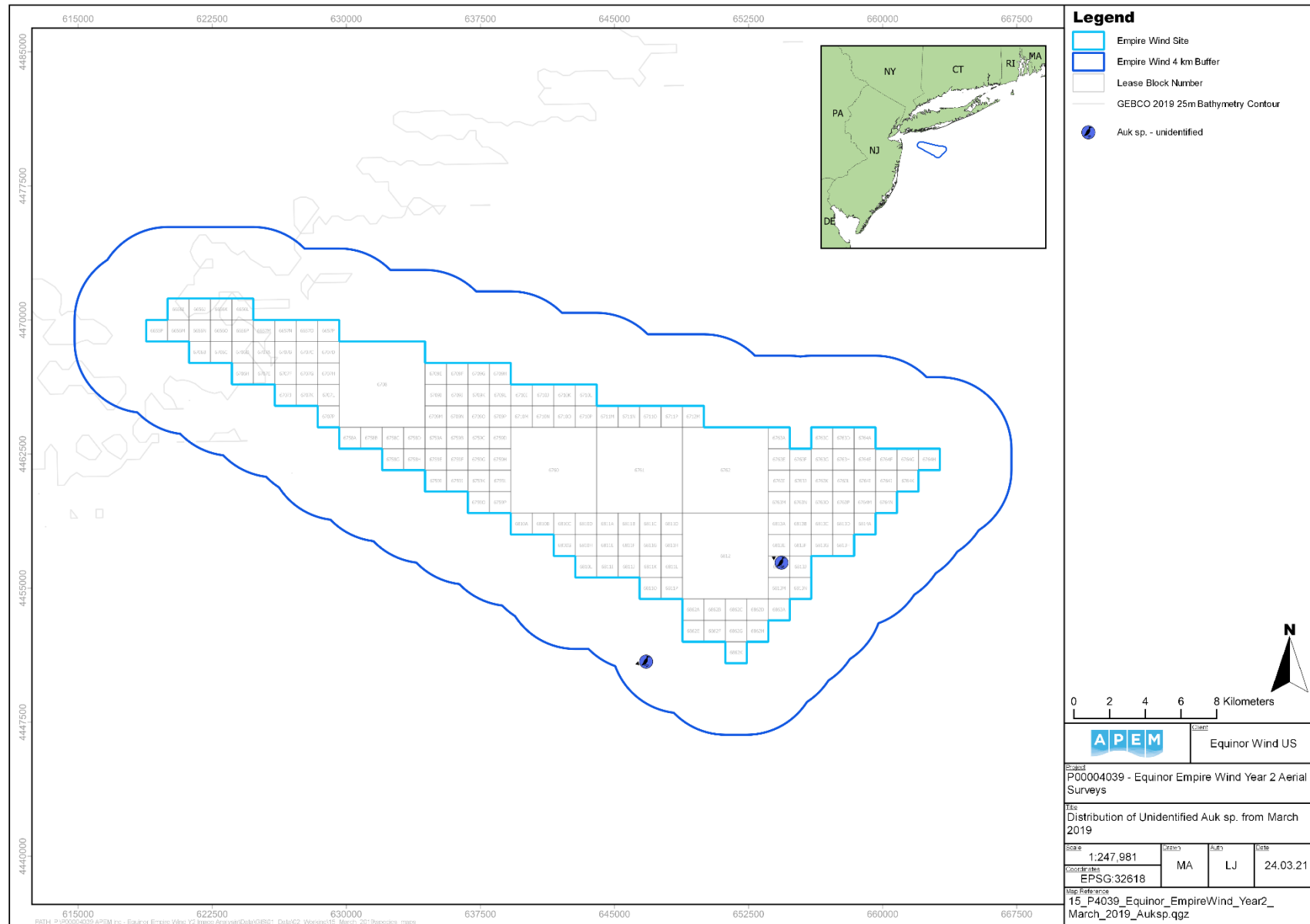


Figure 81 Distribution of unidentified auk species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

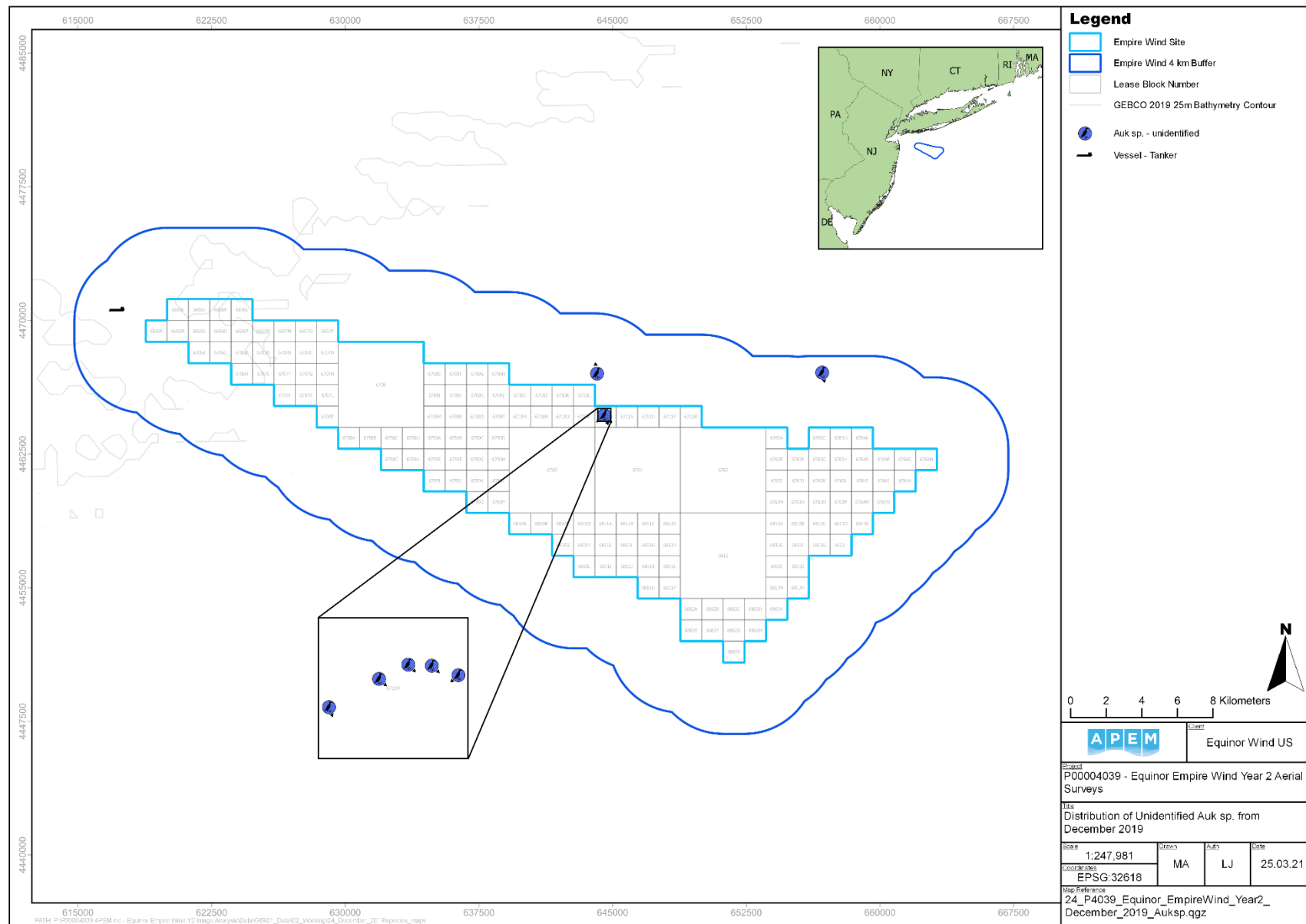


Figure 82 Distribution of unidentified auk species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

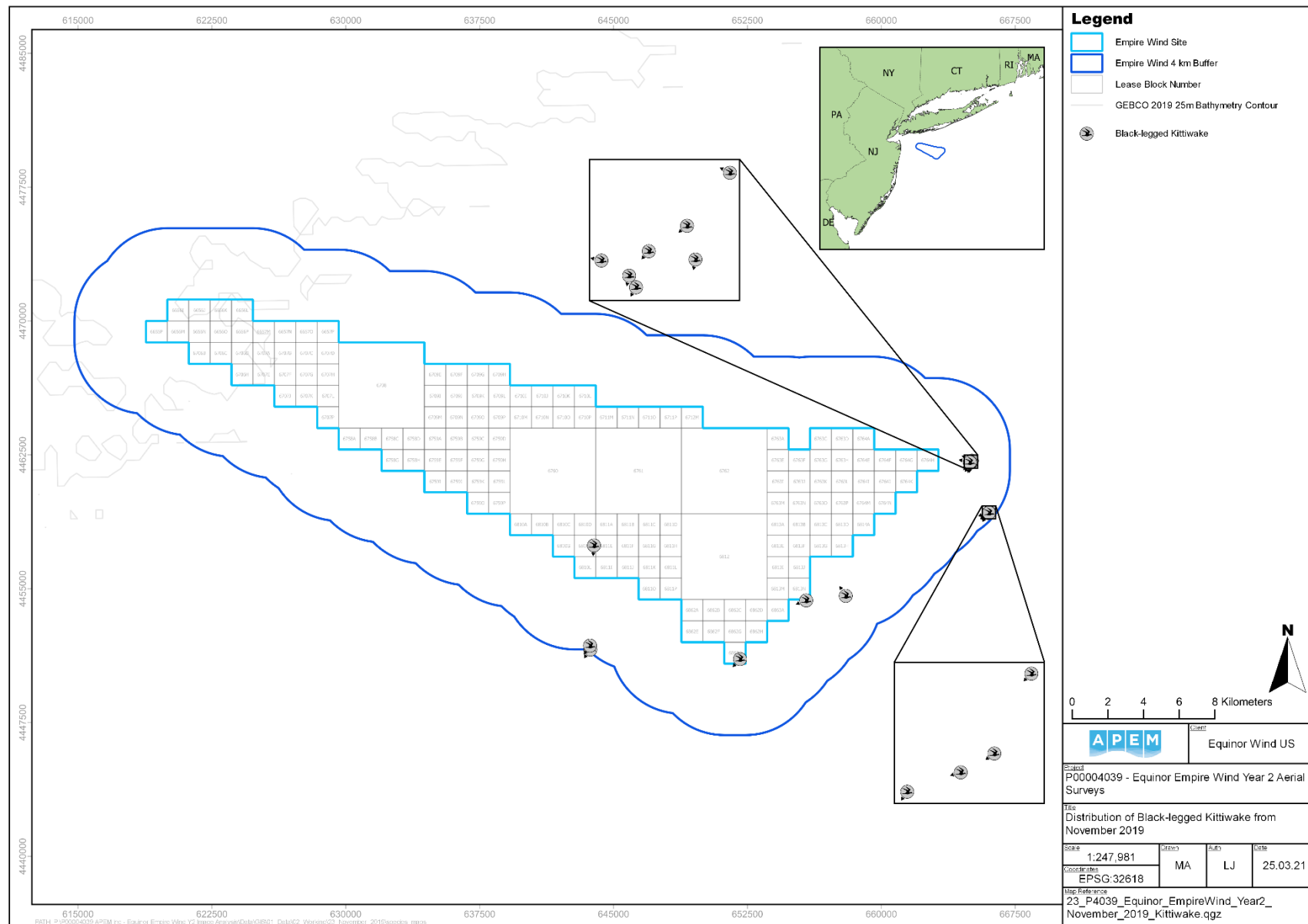


Figure 83 Distribution of black-legged kittiwake recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

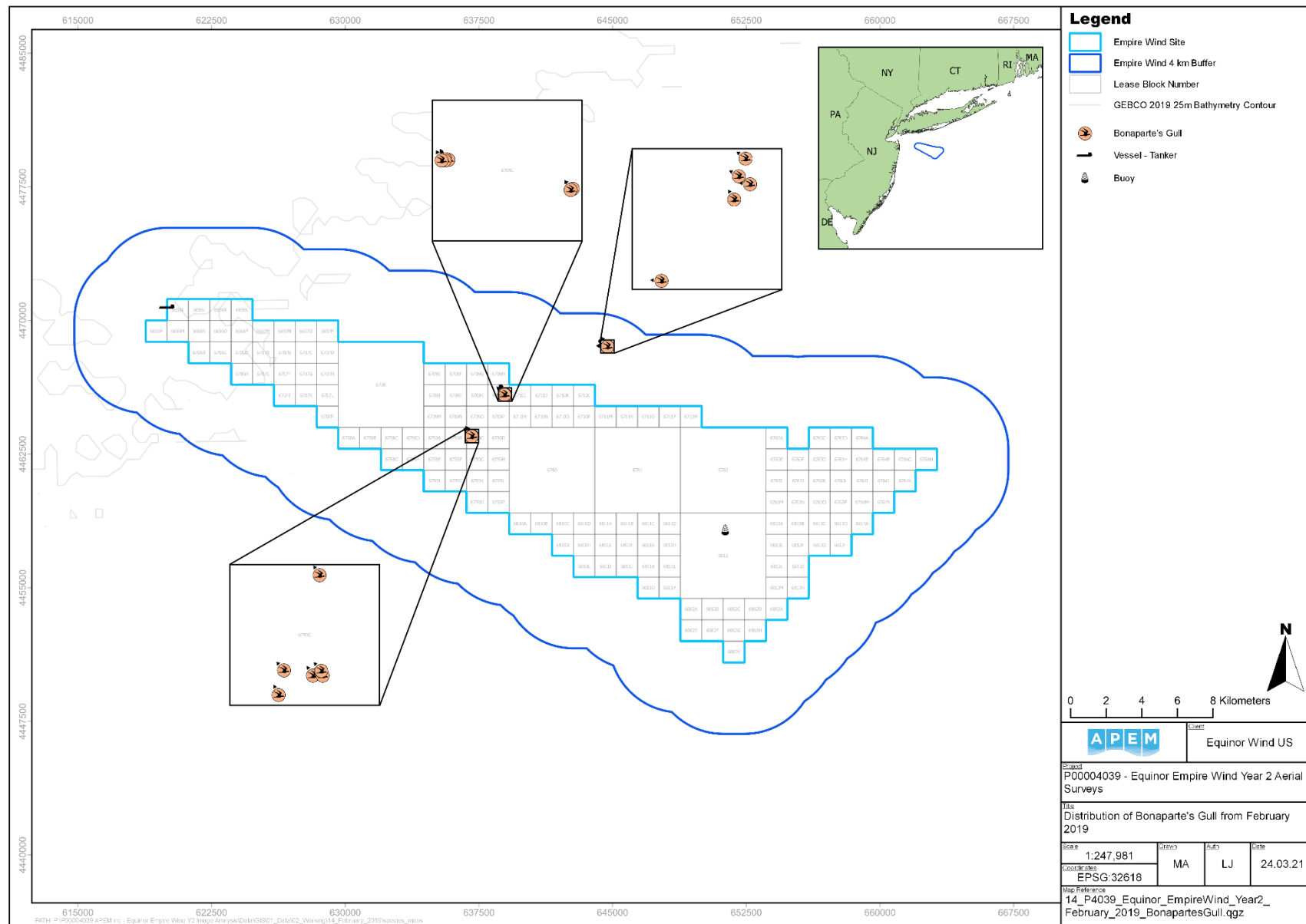


Figure 84

Distribution of Bonaparte's gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

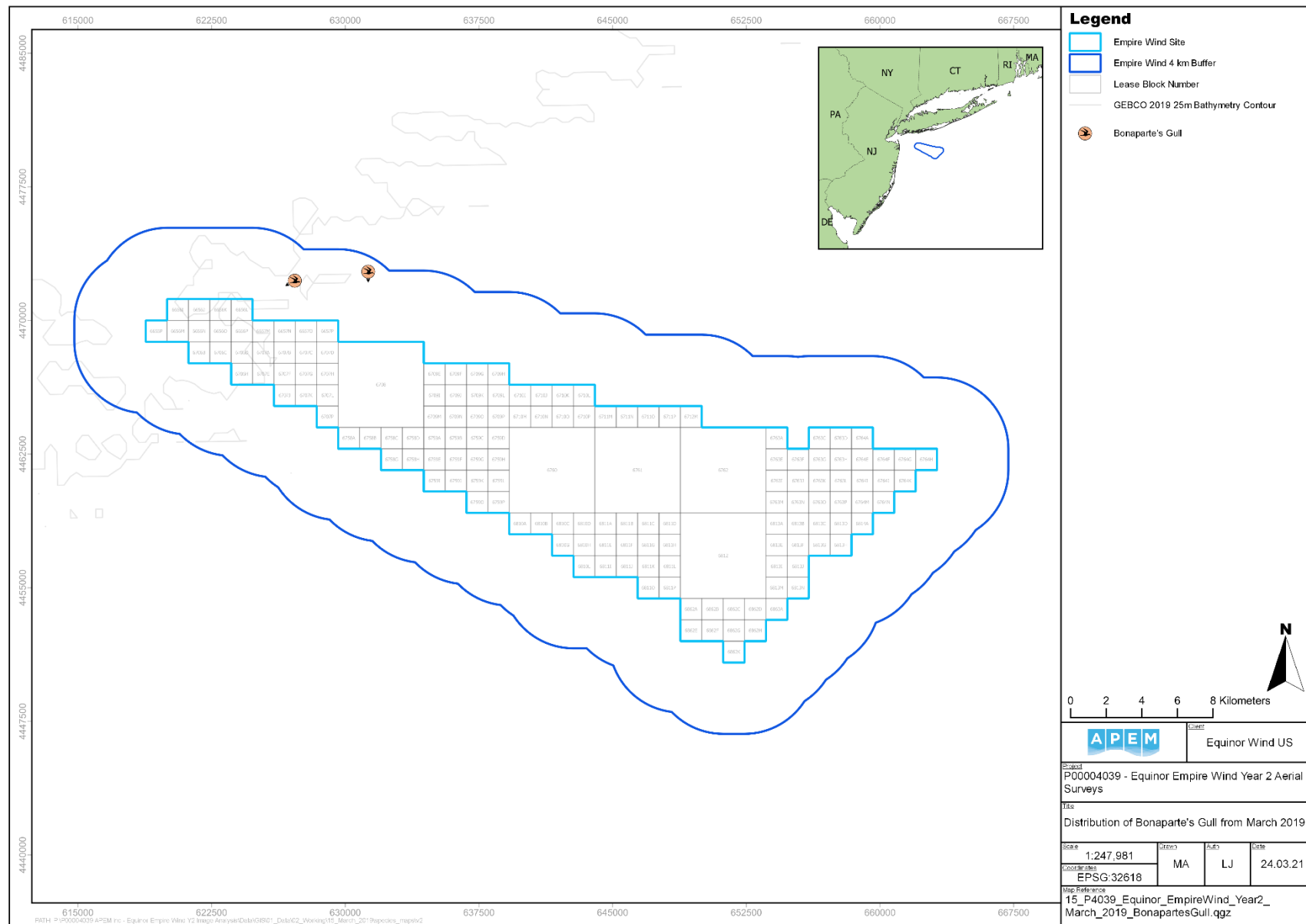


Figure 85

Distribution of Bonaparte's gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

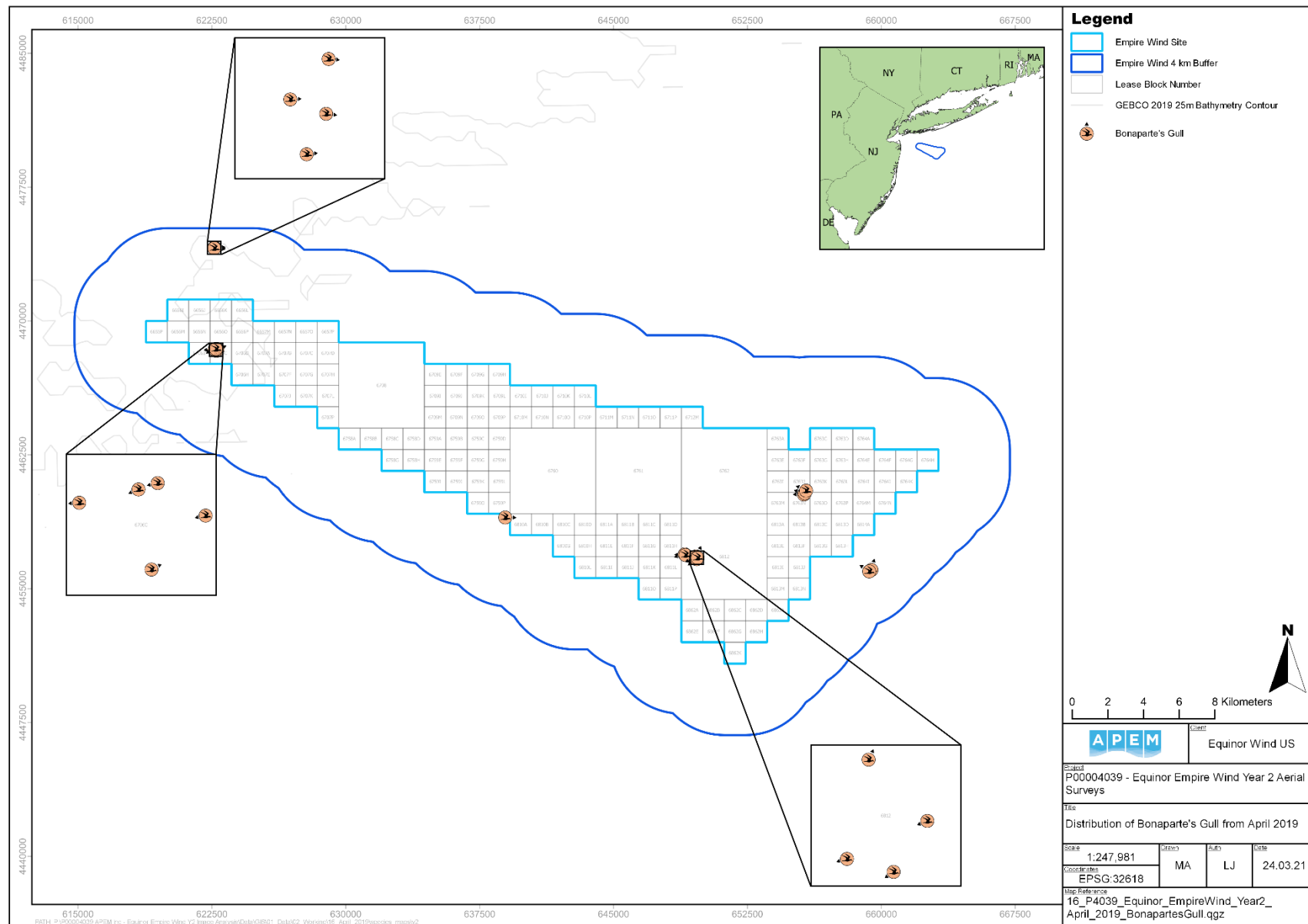


Figure 86

Distribution of Bonaparte's gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

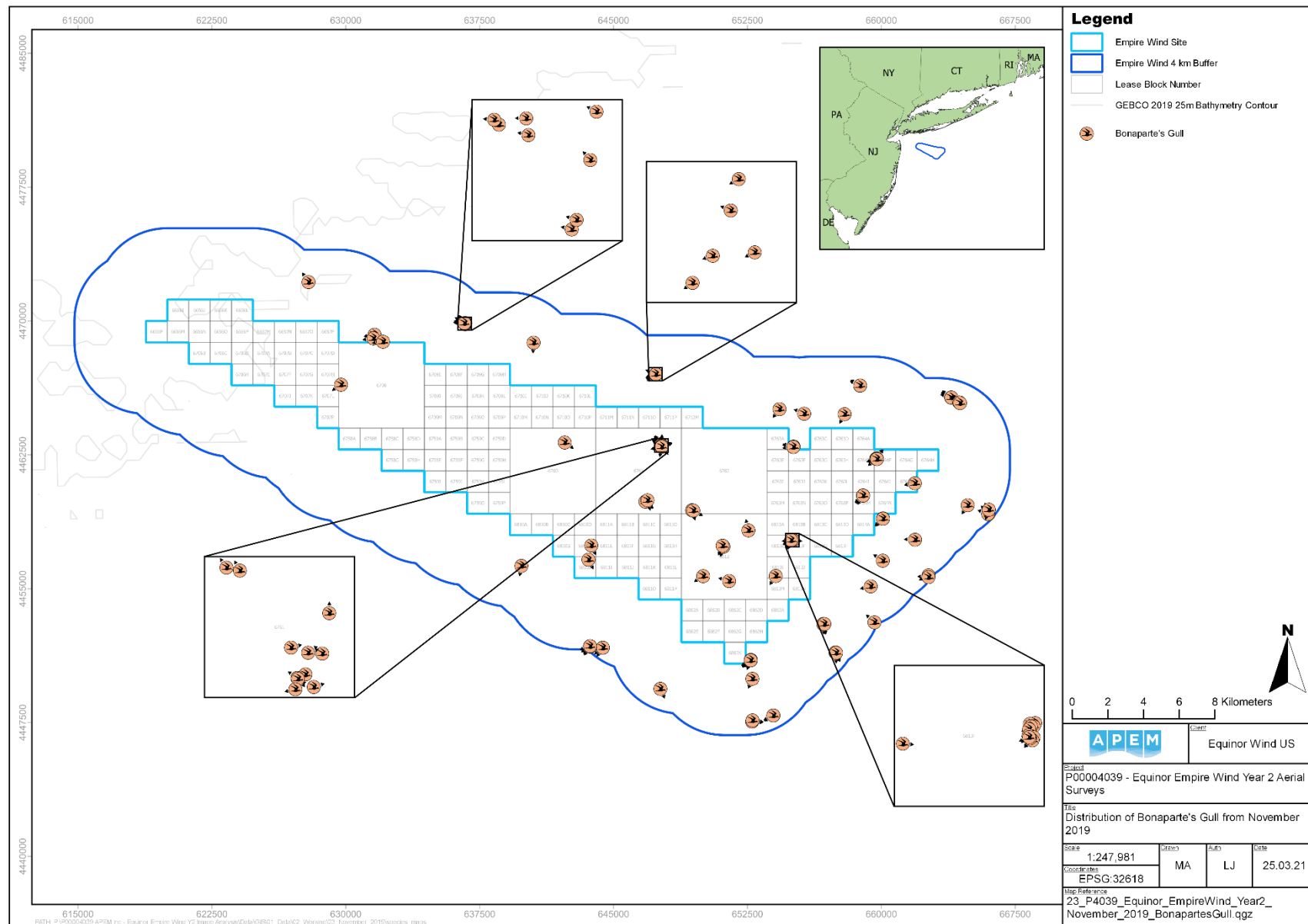


Figure 87

Distribution of Bonaparte's gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

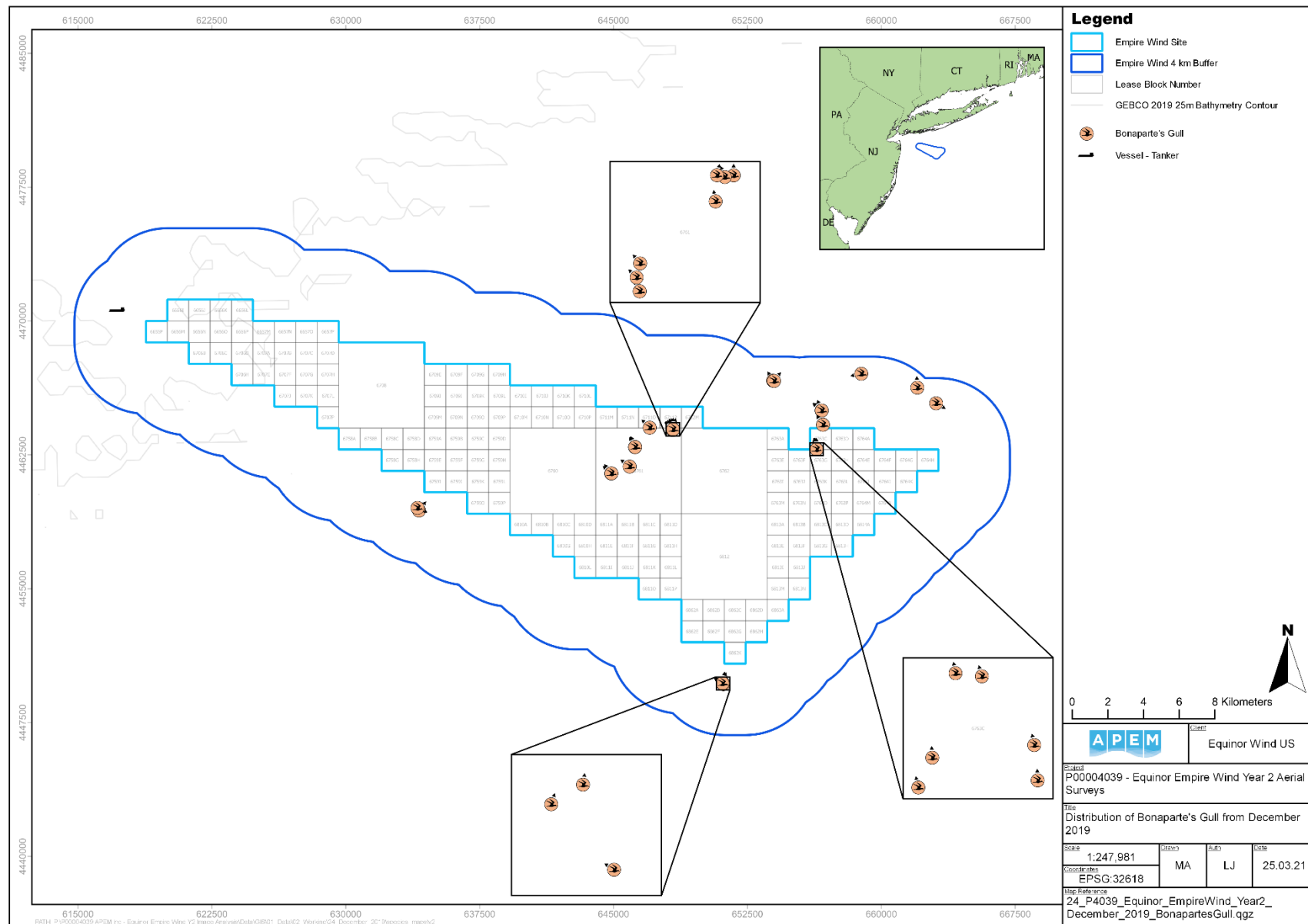


Figure 88

Distribution of Bonaparte's gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

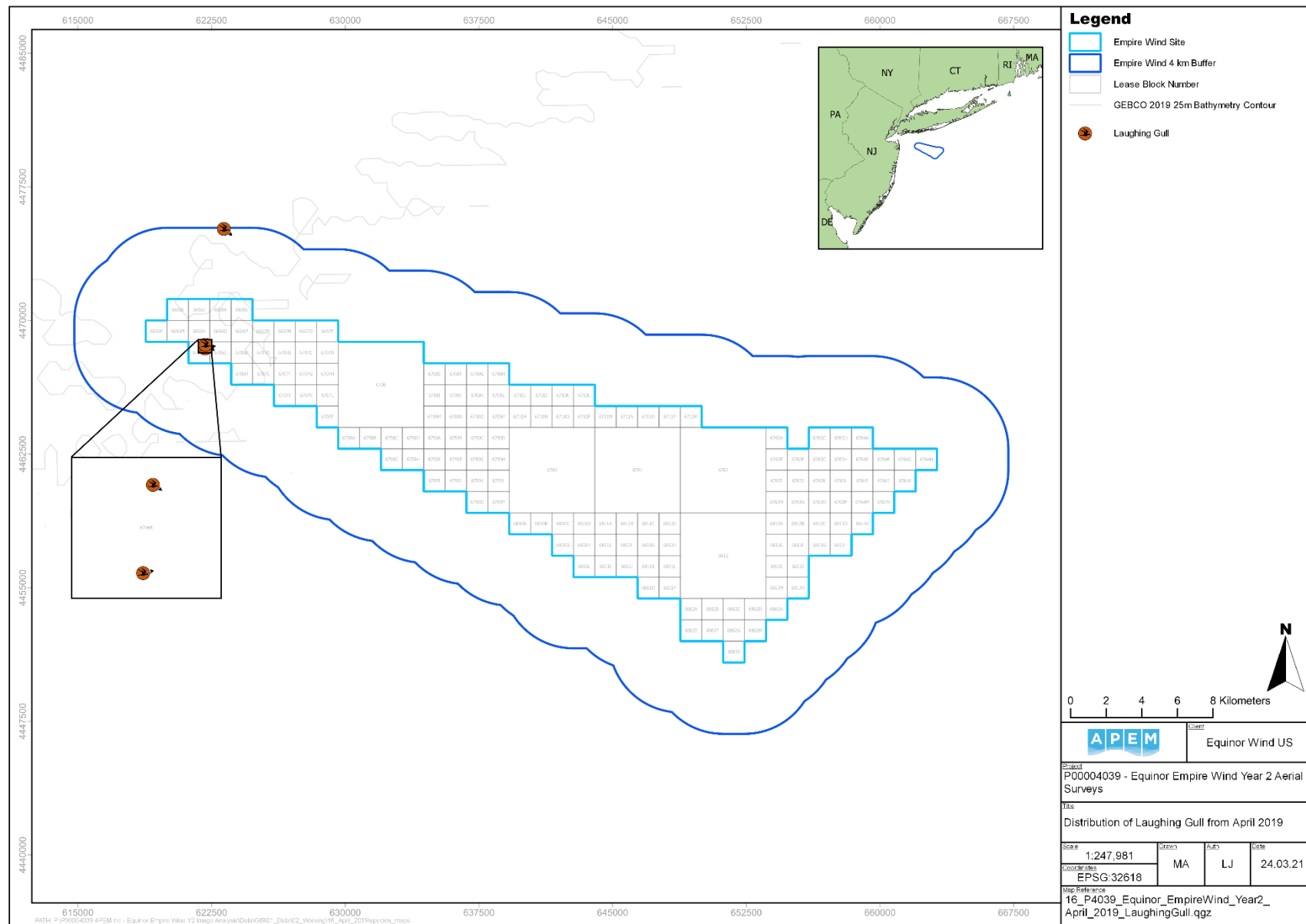


Figure 89 Distribution of laughing gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

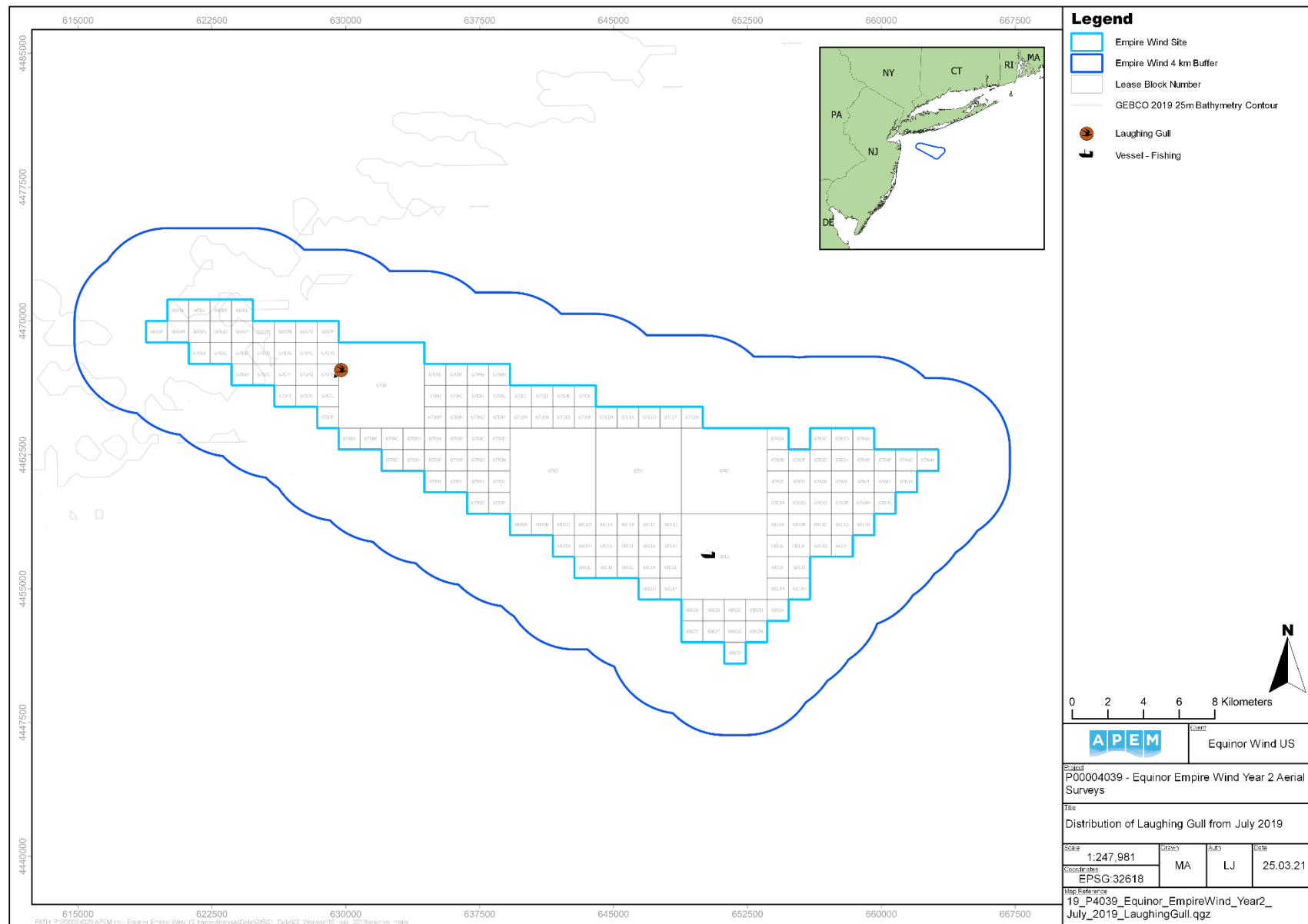


Figure 90 Distribution of laughing gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

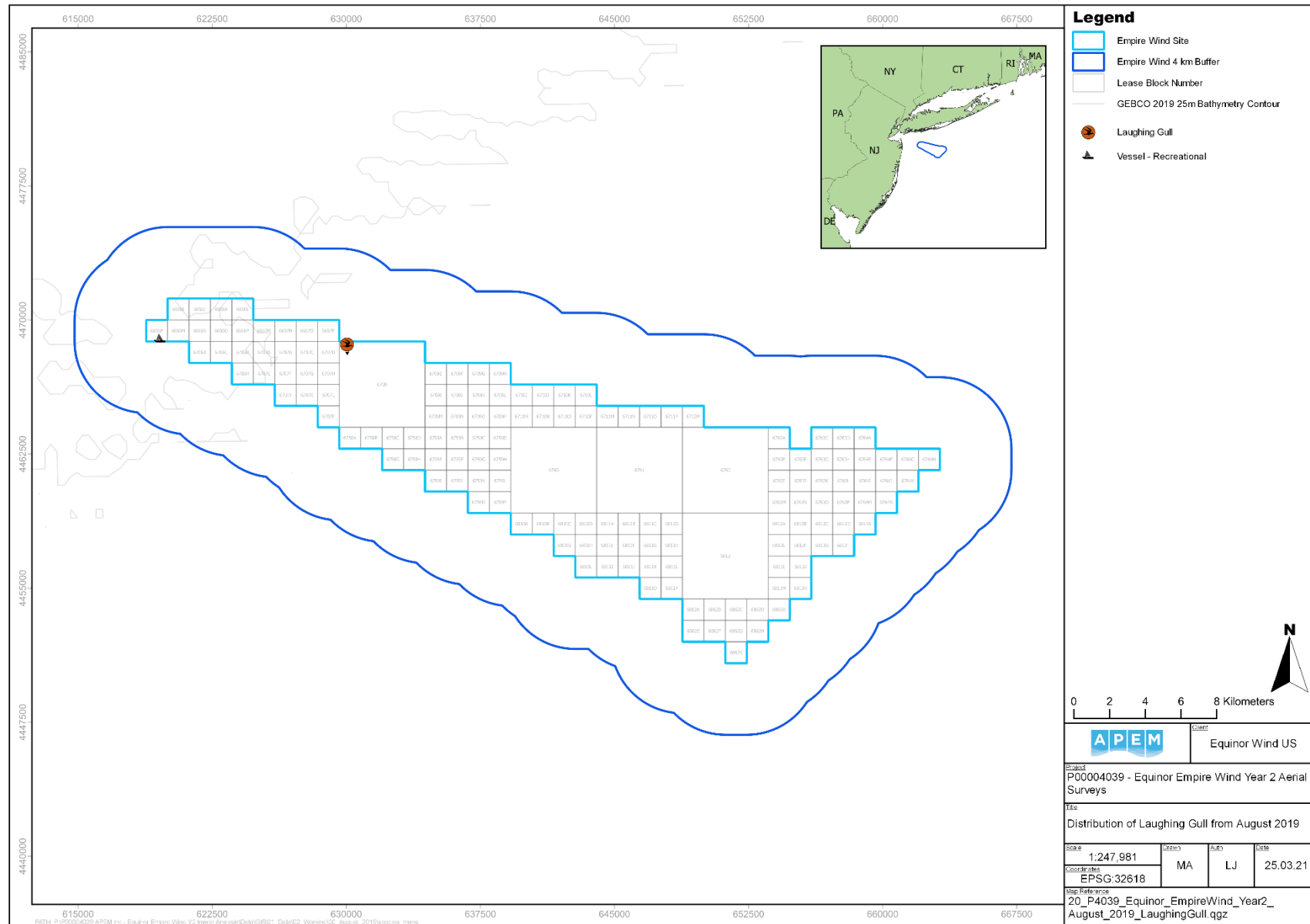


Figure 91 Distribution of laughing gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

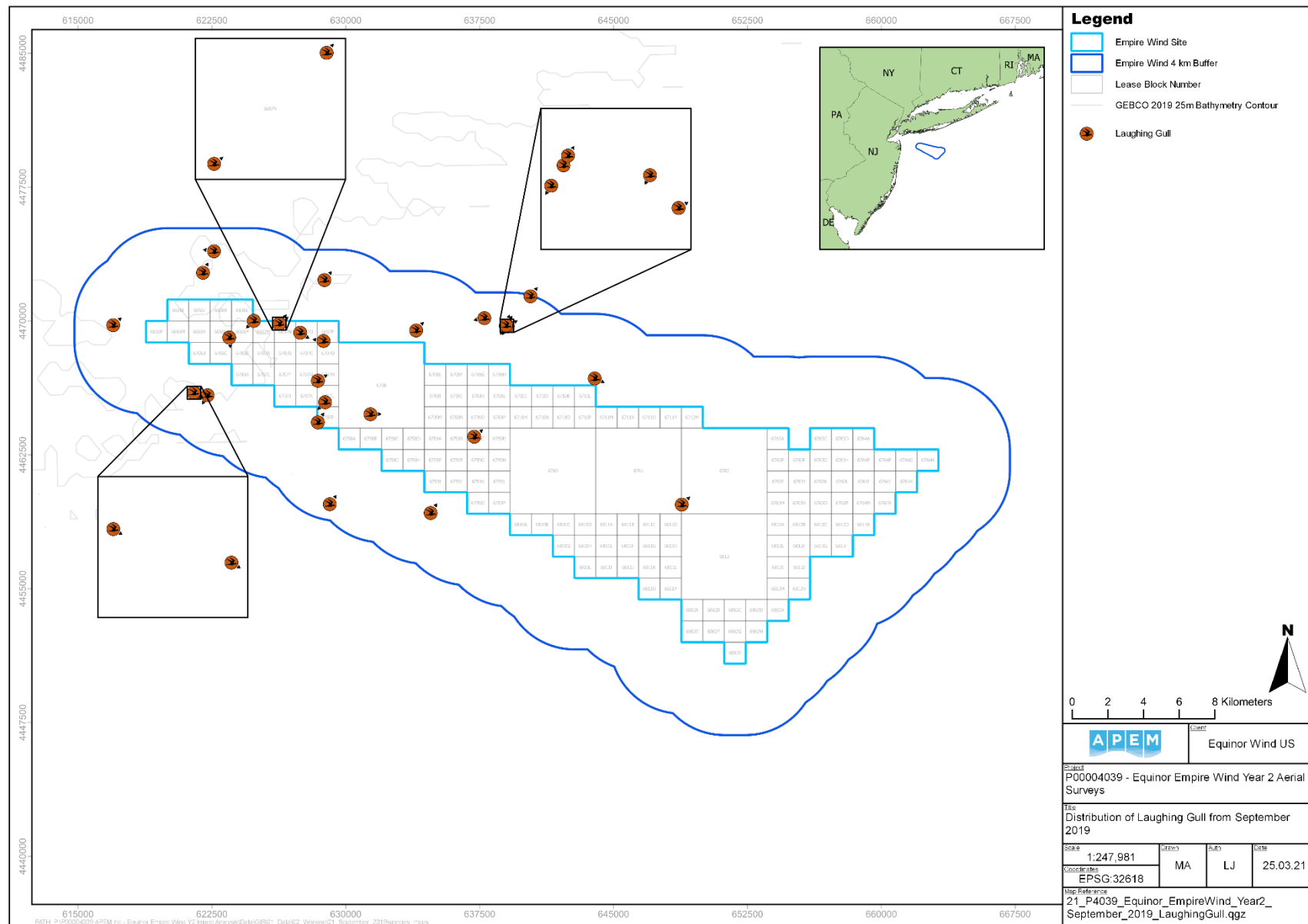


Figure 92 Distribution of laughing gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

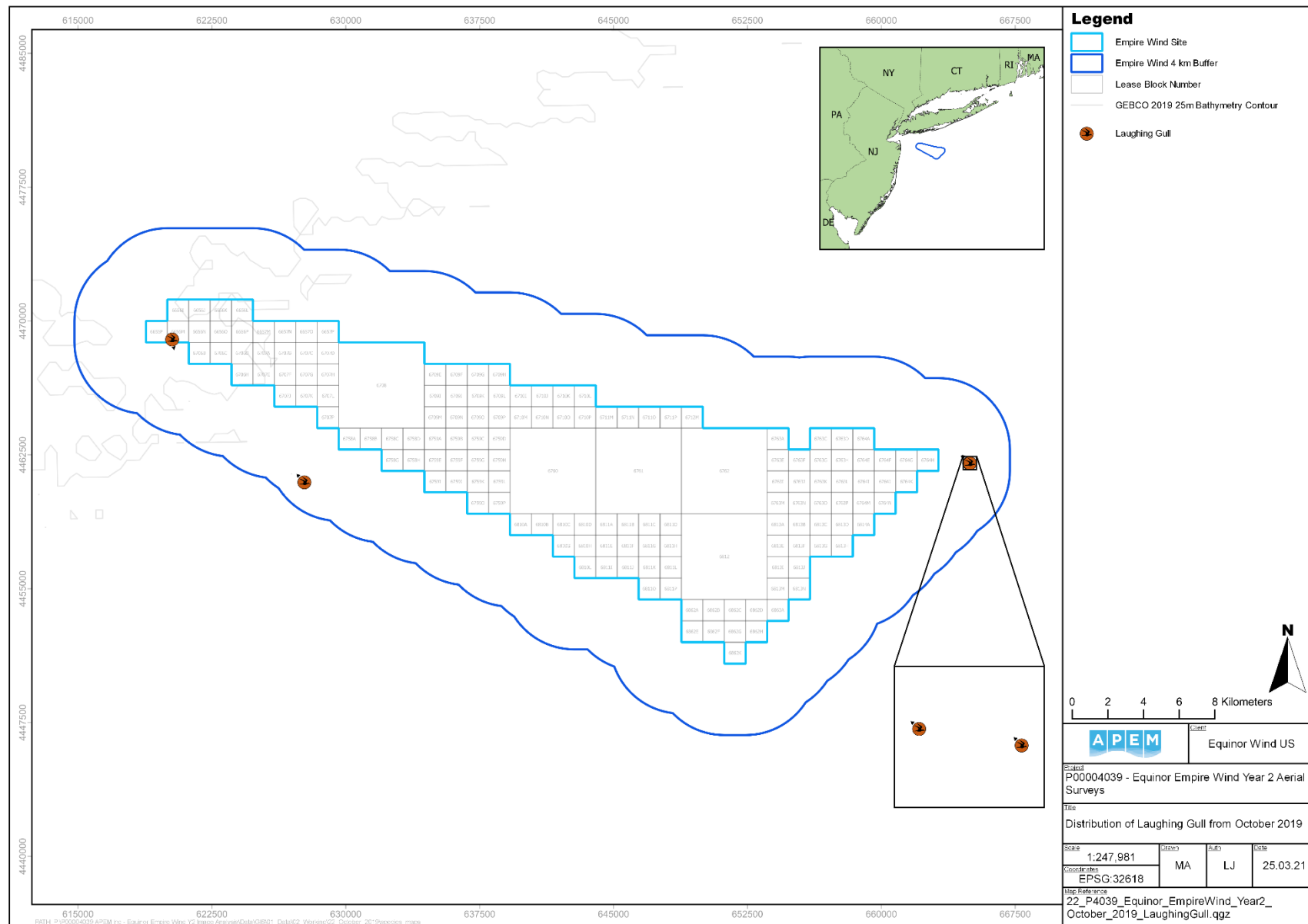


Figure 93 Distribution of laughing gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

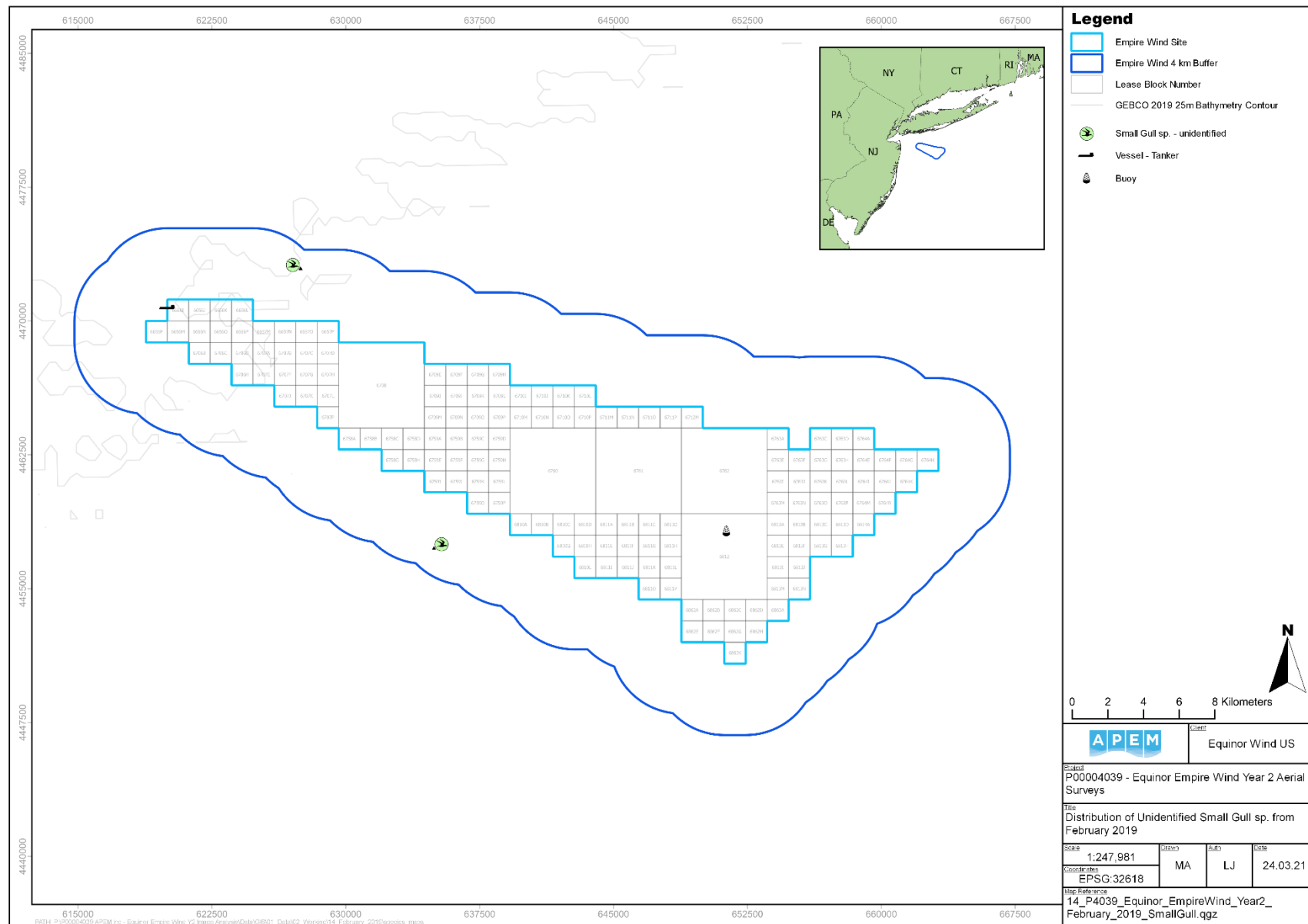


Figure 94 Distribution of unidentified small gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

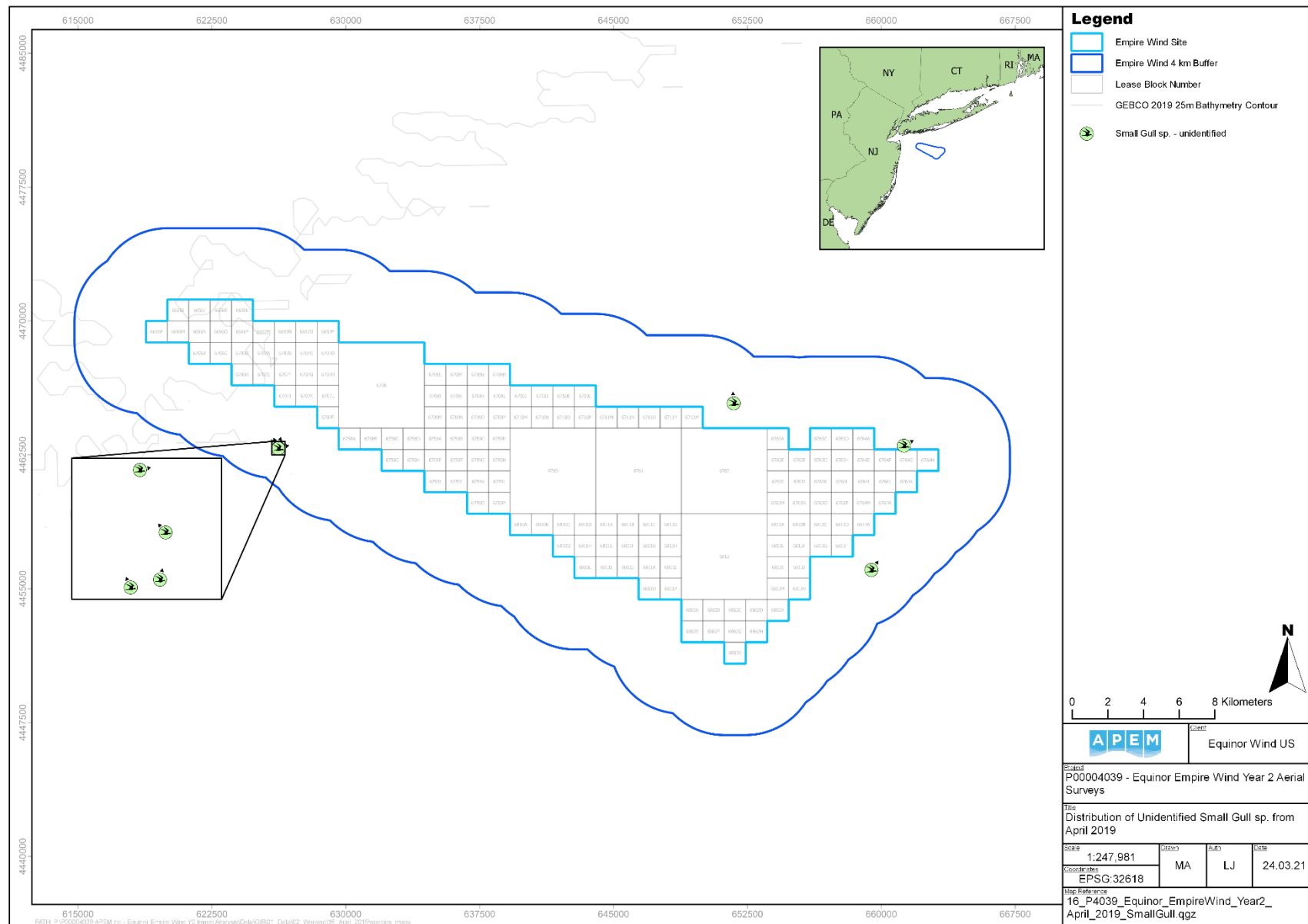


Figure 95 Distribution of unidentified small gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

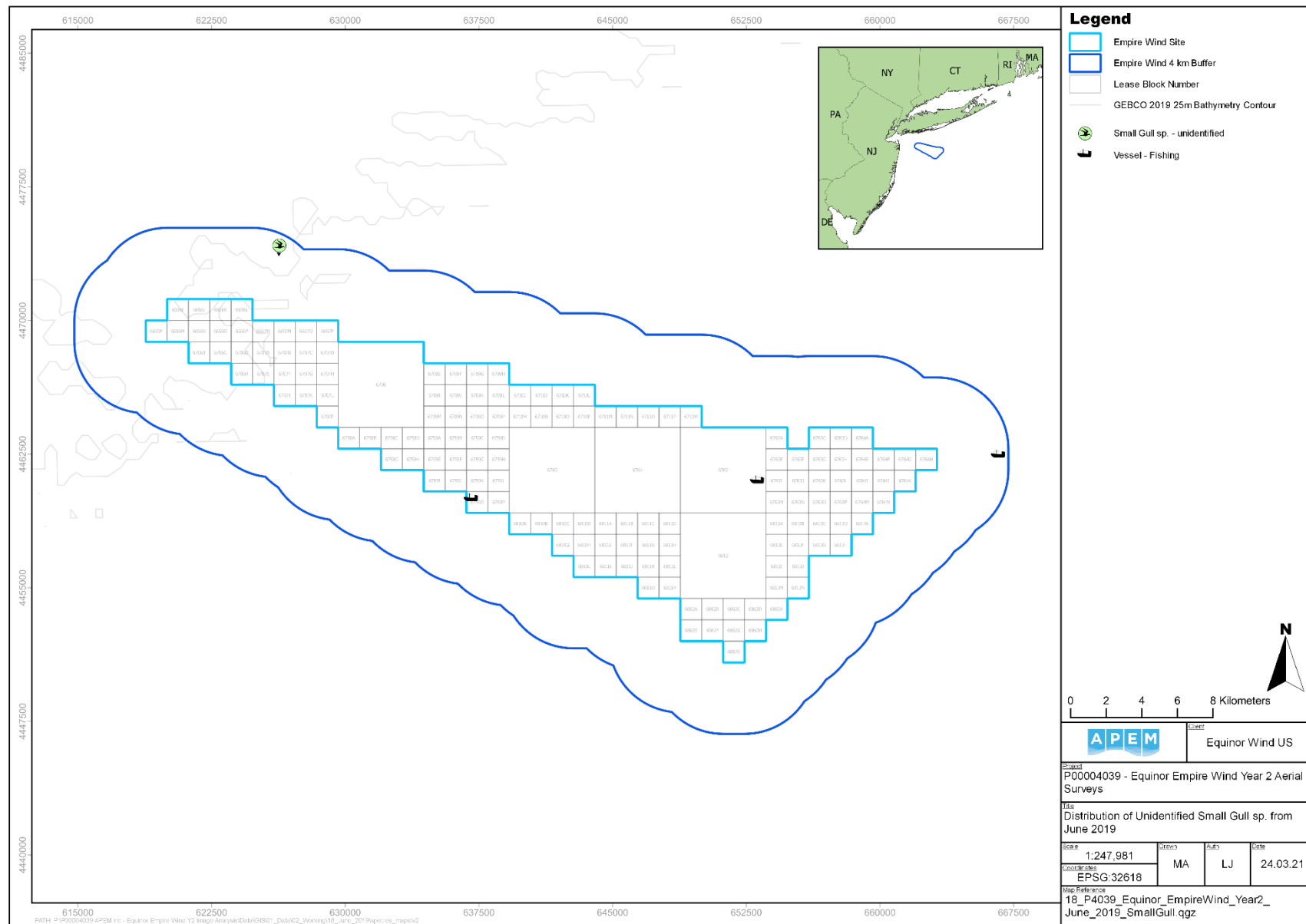


Figure 96 Distribution of unidentified small gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

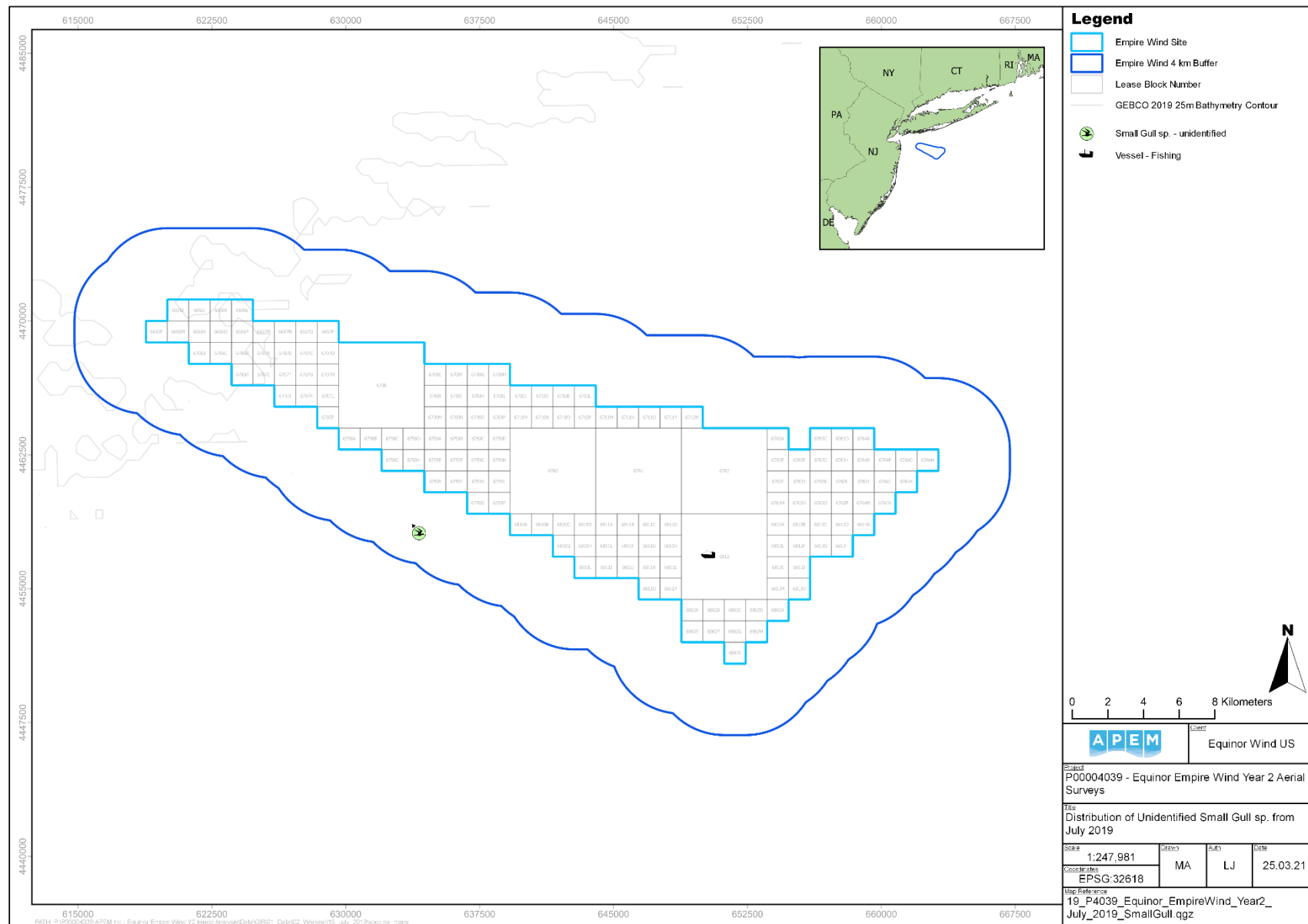


Figure 97 Distribution of unidentified small gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

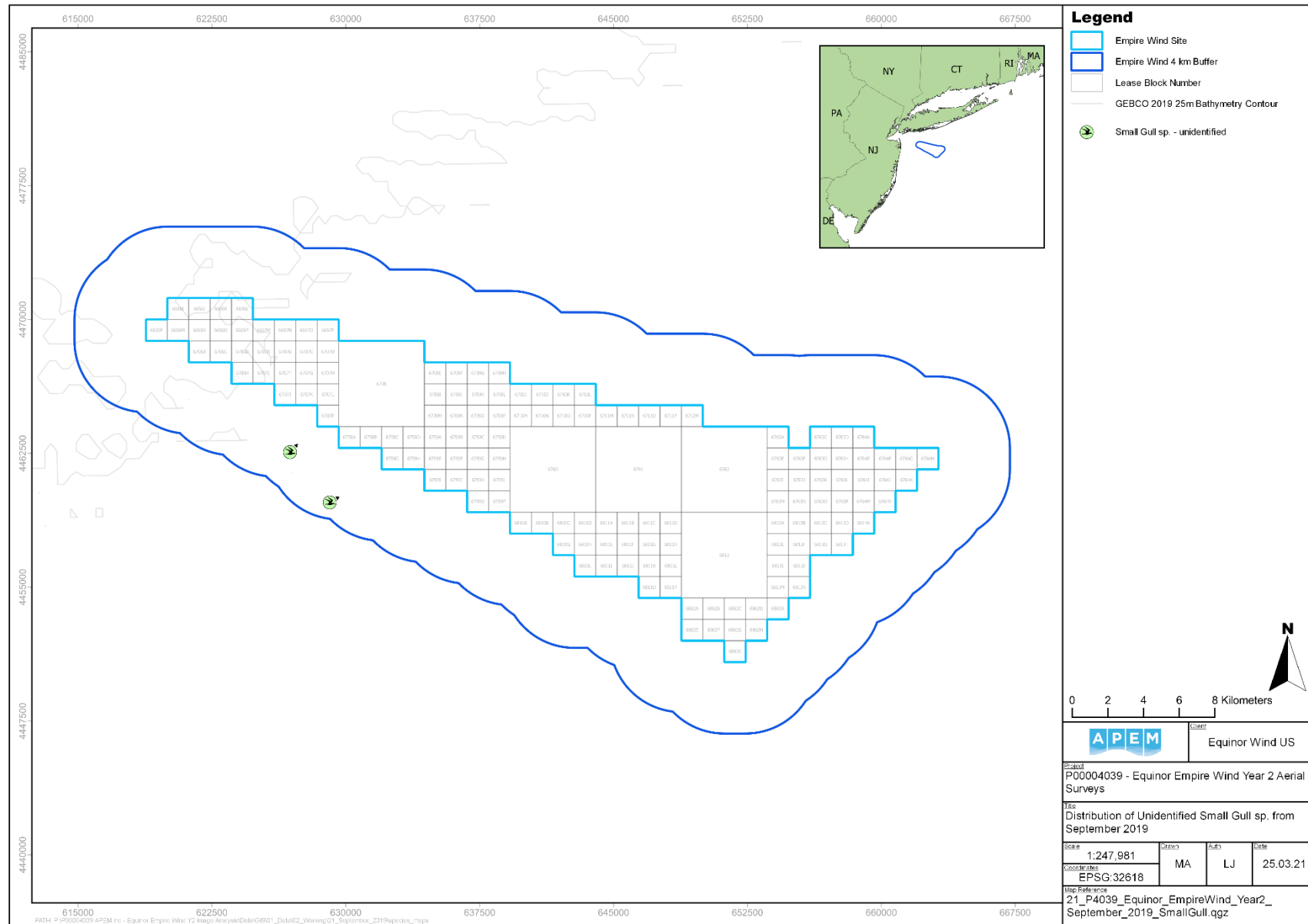


Figure 98 Distribution of unidentified small gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

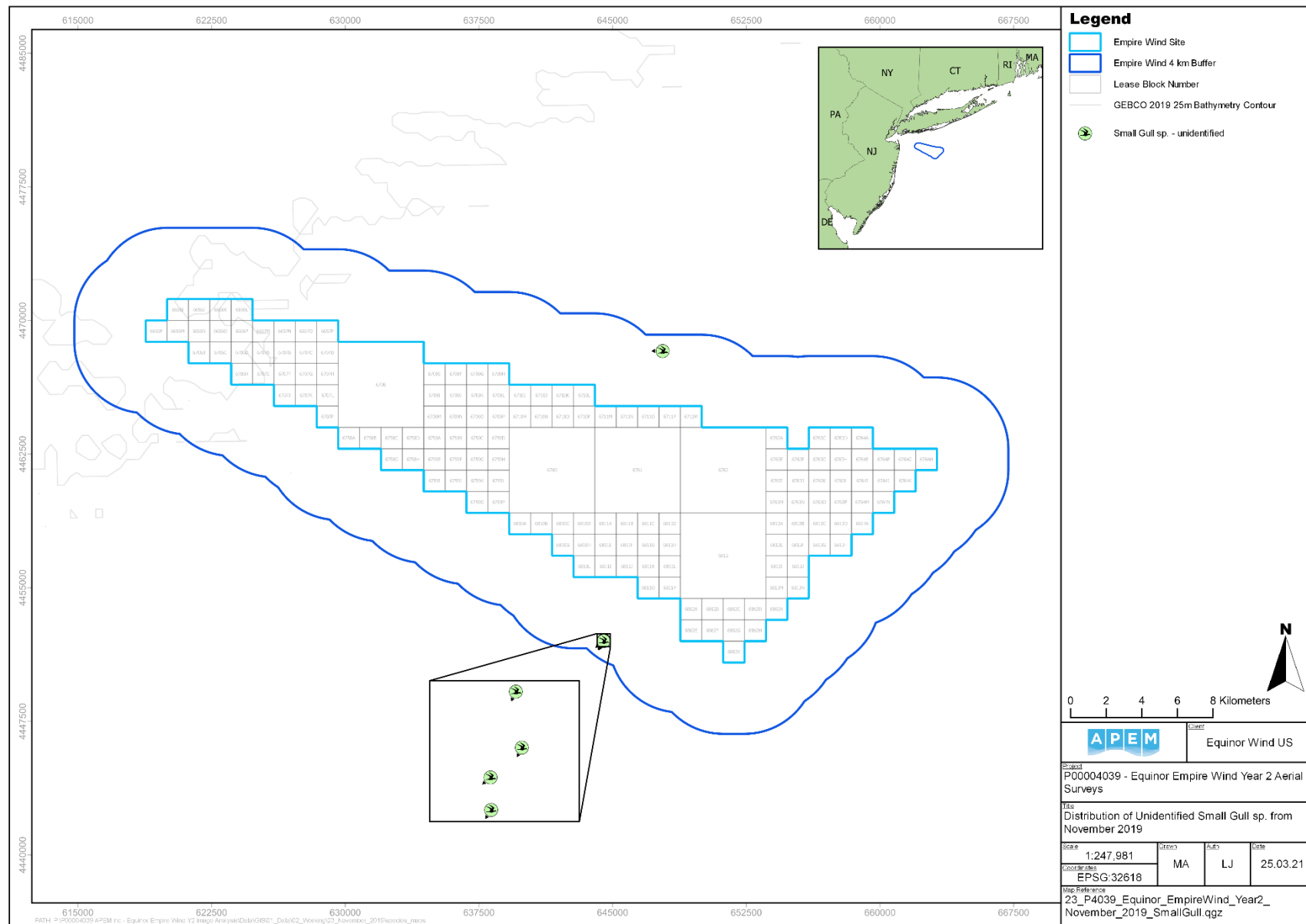


Figure 99 Distribution of unidentified small gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

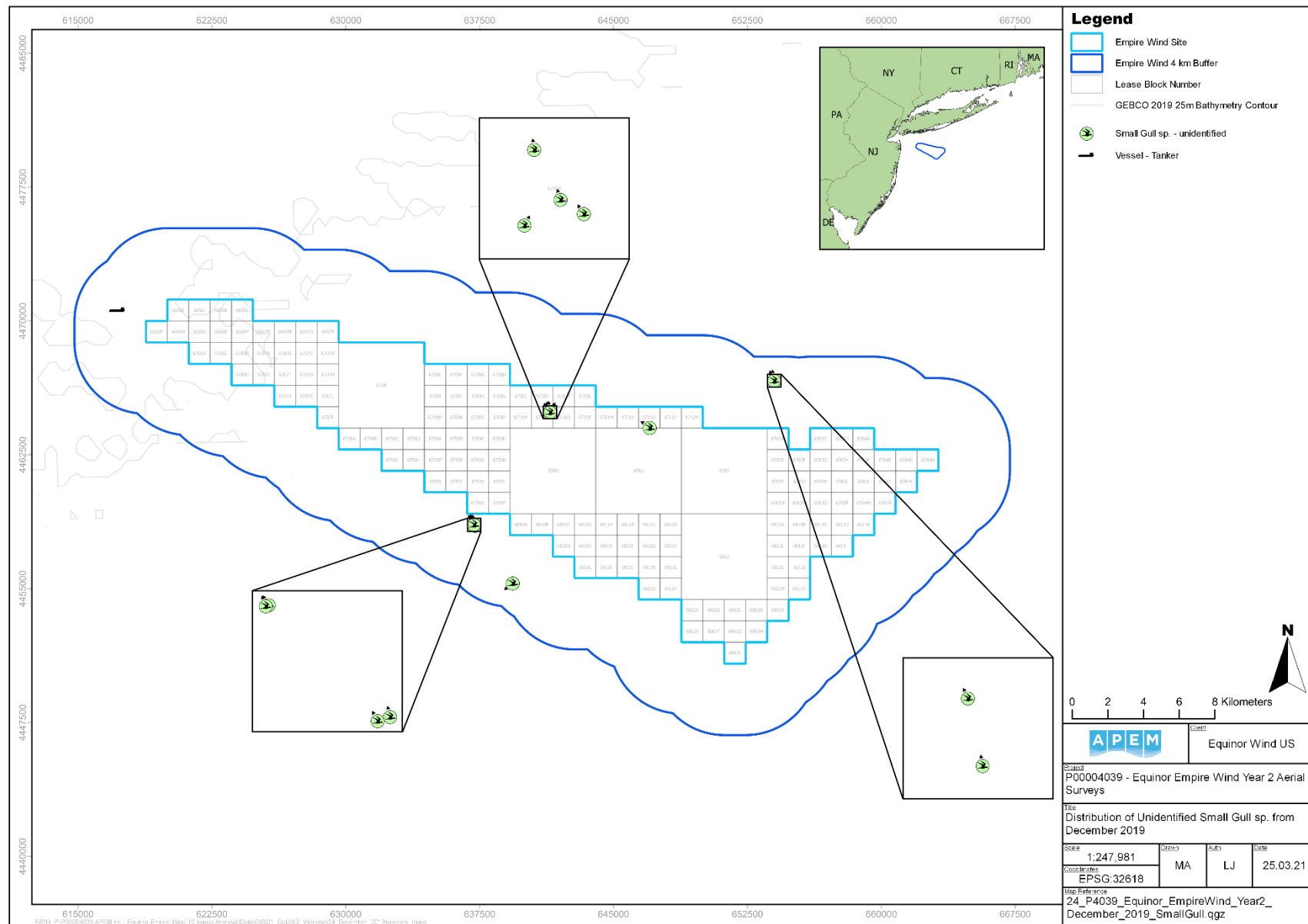


Figure 100 Distribution of unidentified small gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

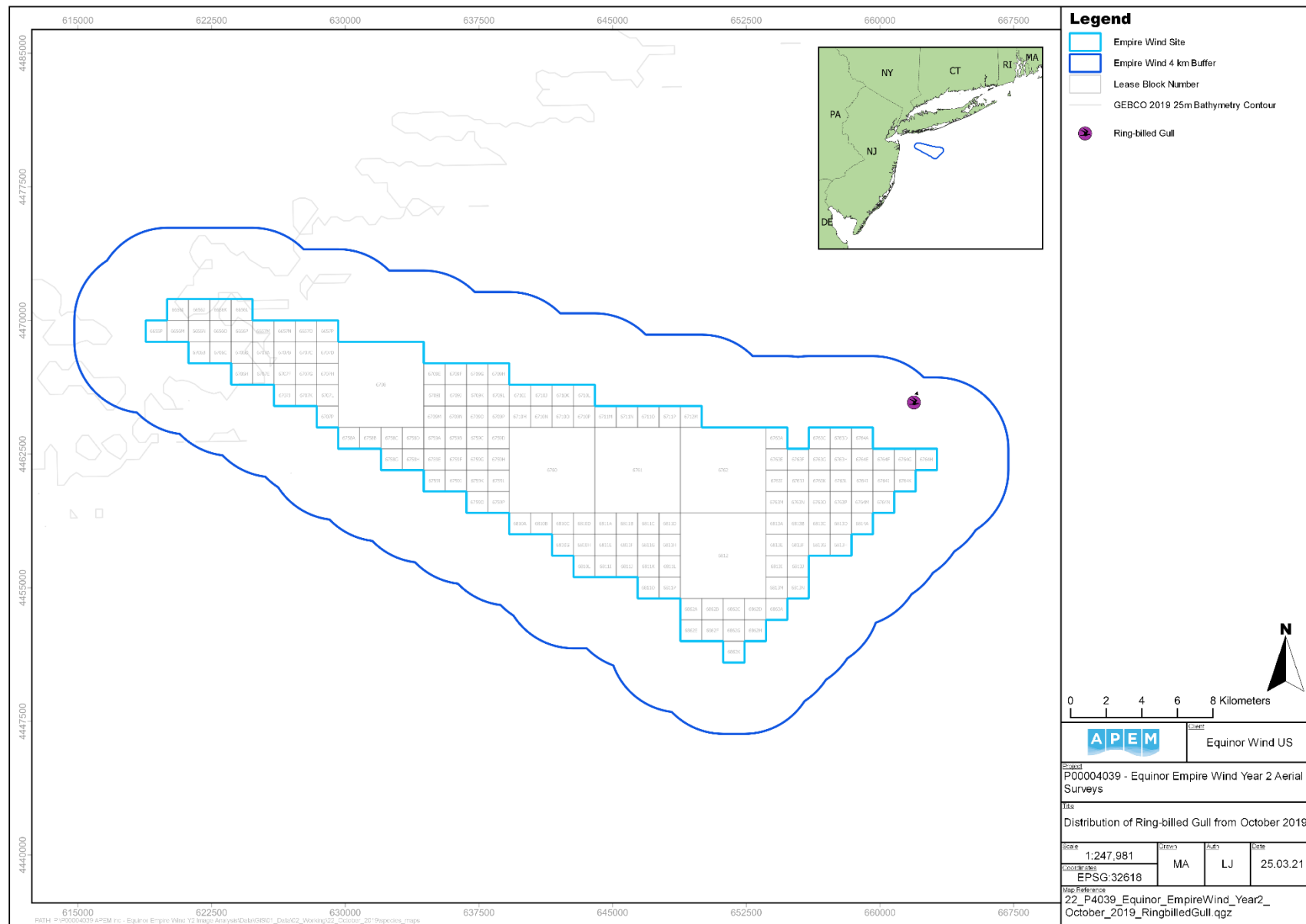


Figure 101 Distribution of ring-billed gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

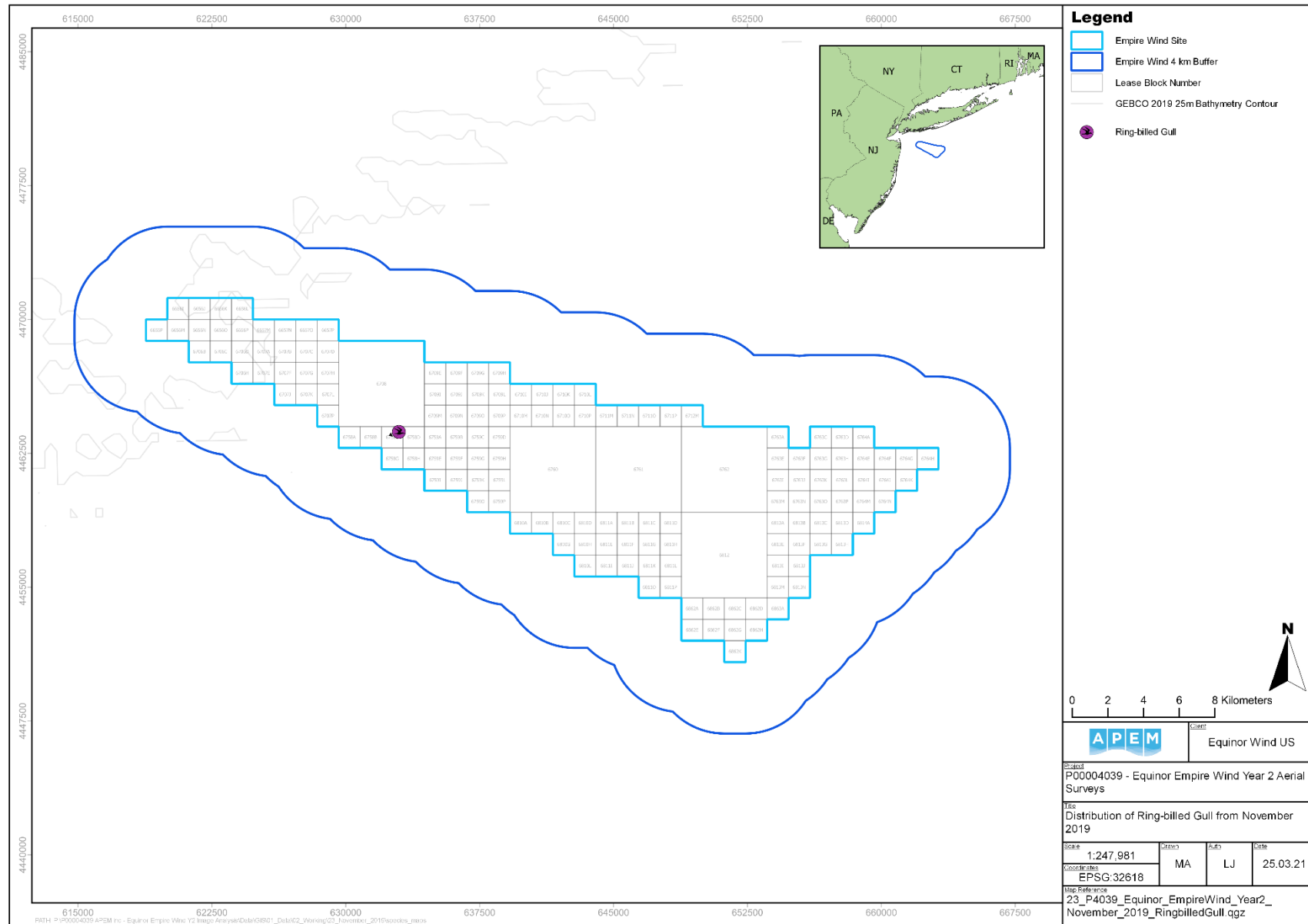


Figure 102 Distribution of ring-billed gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

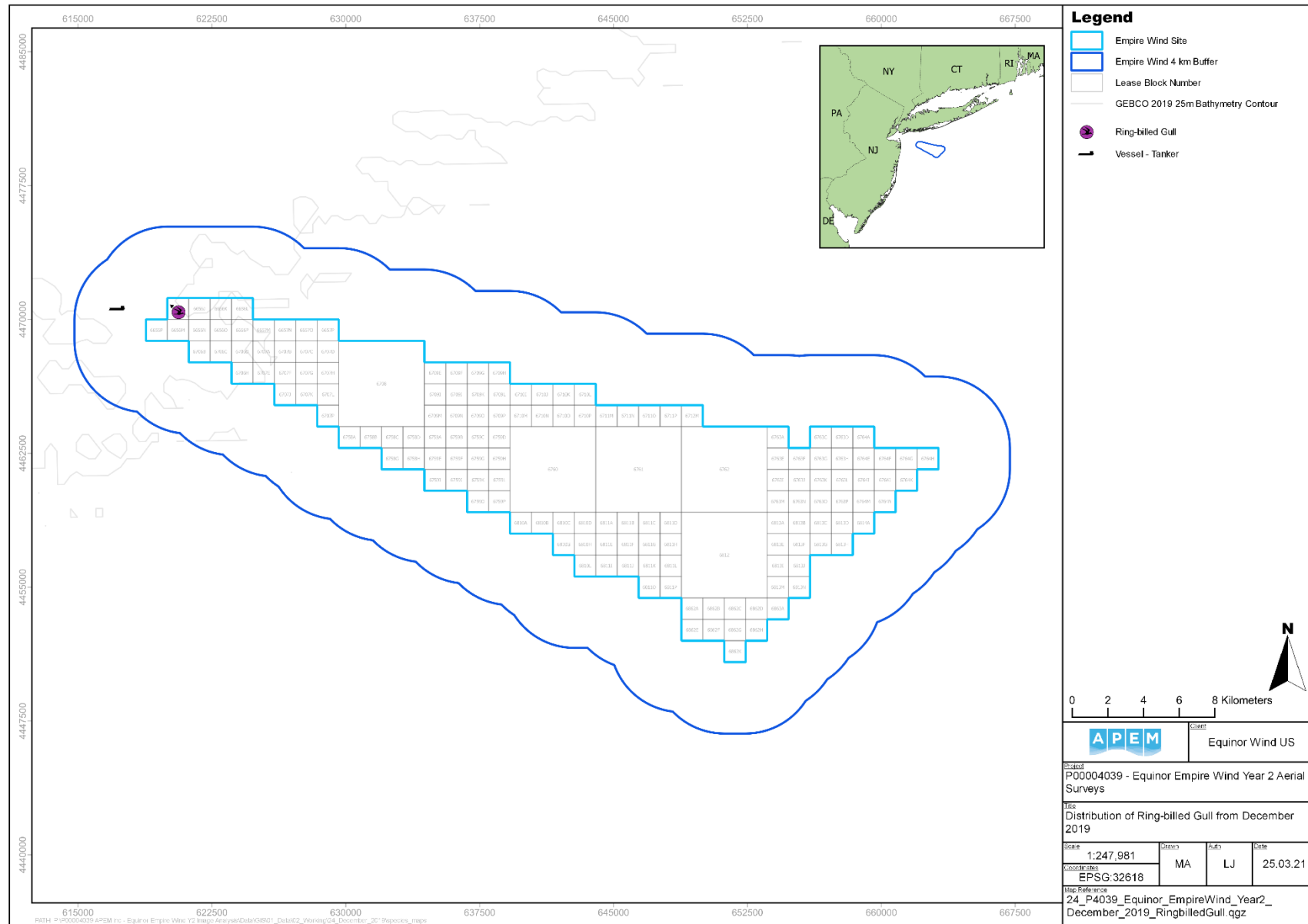


Figure 103 Distribution of ring-billed gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

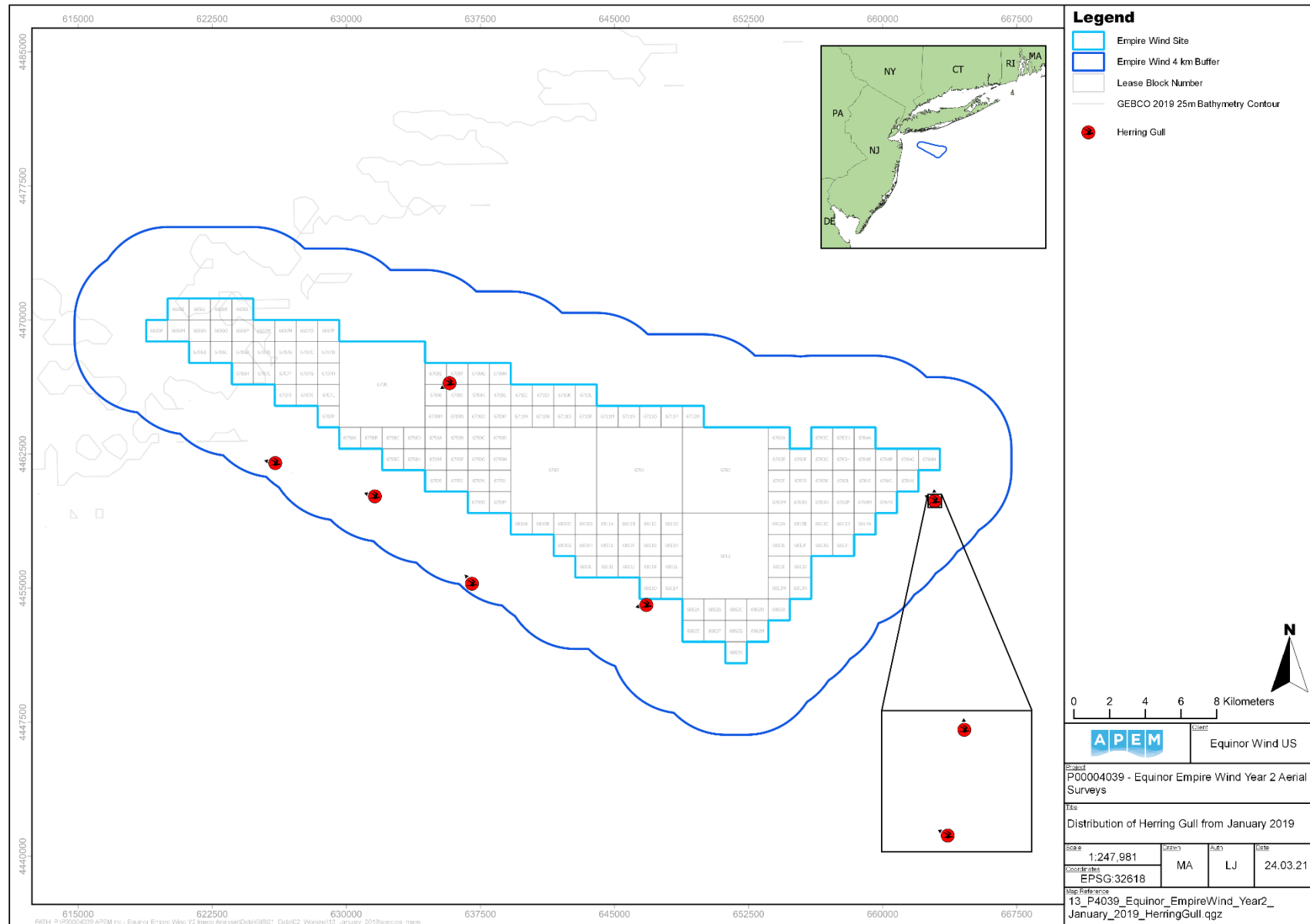


Figure 104 Distribution of herring gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 13

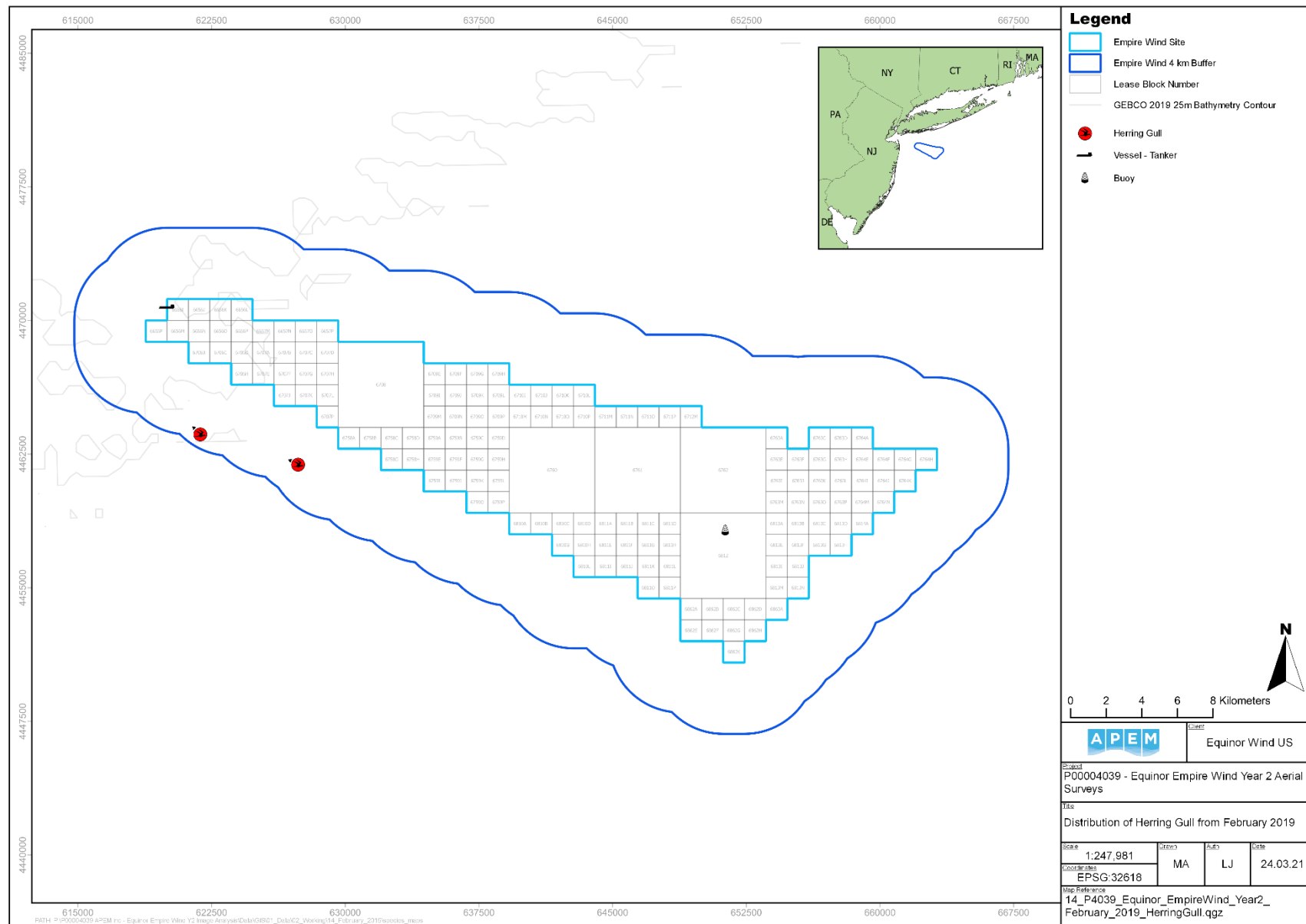


Figure 105

Distribution of herring gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

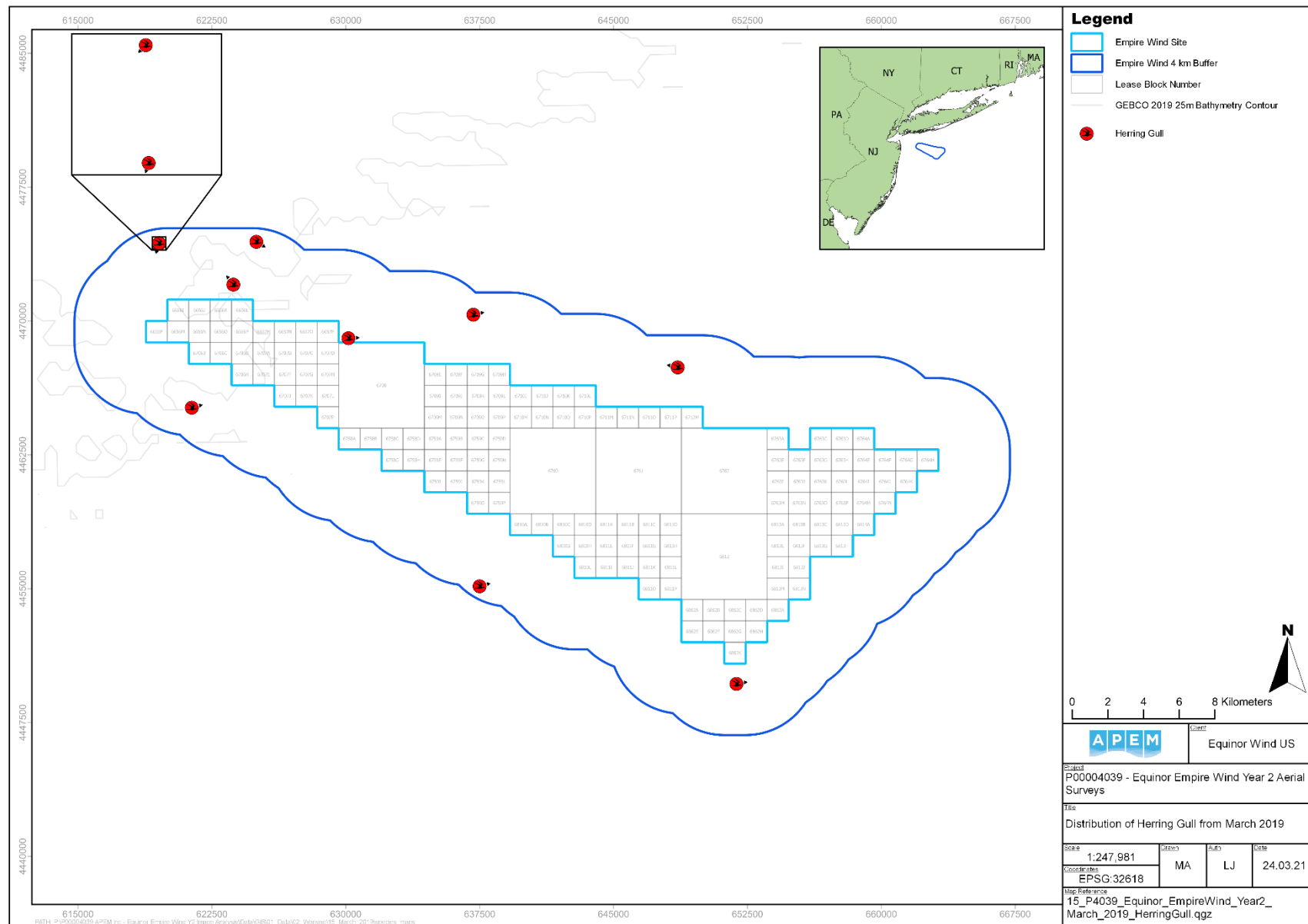


Figure 106 Distribution of herring gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

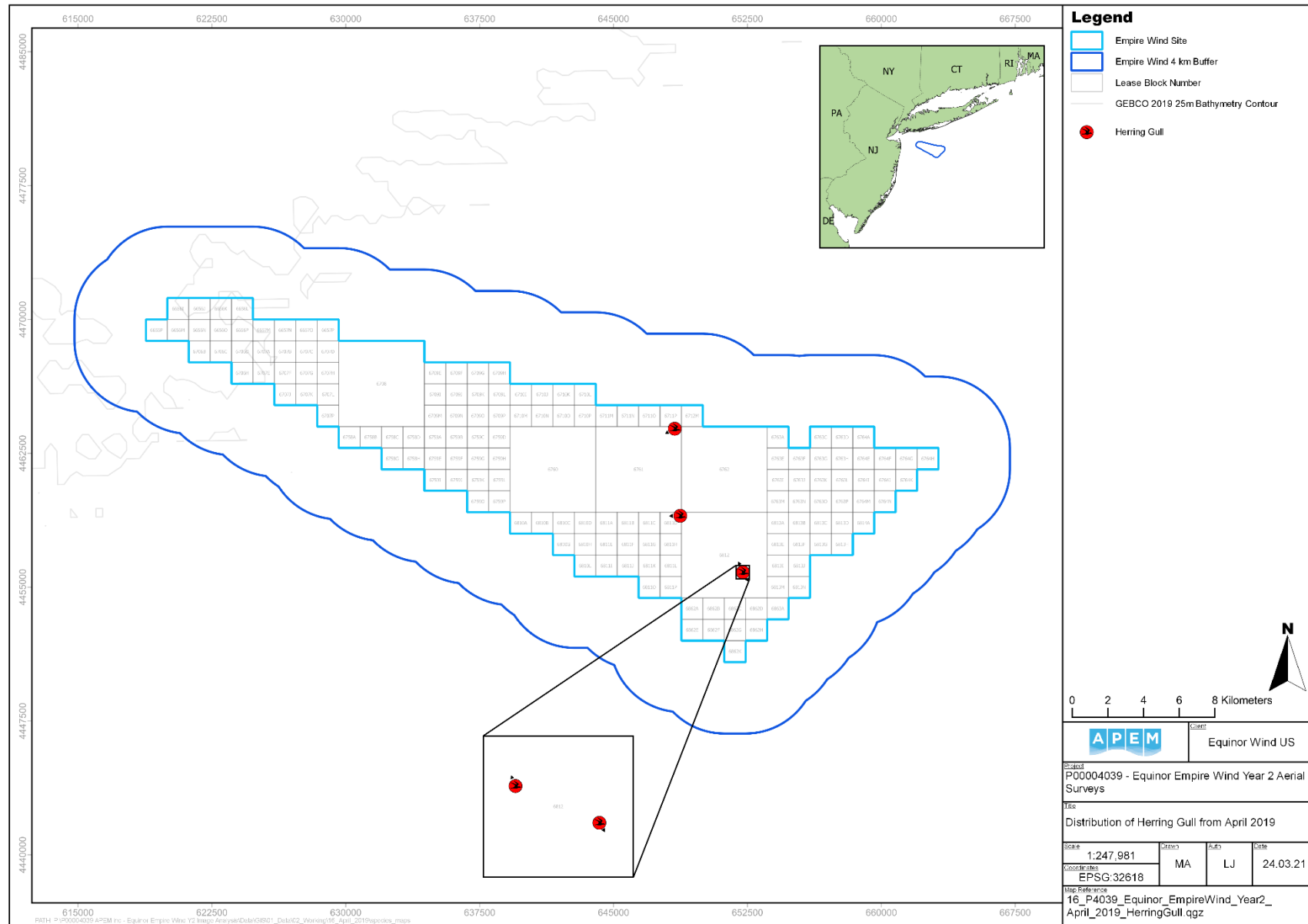


Figure 107 Distribution of herring gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

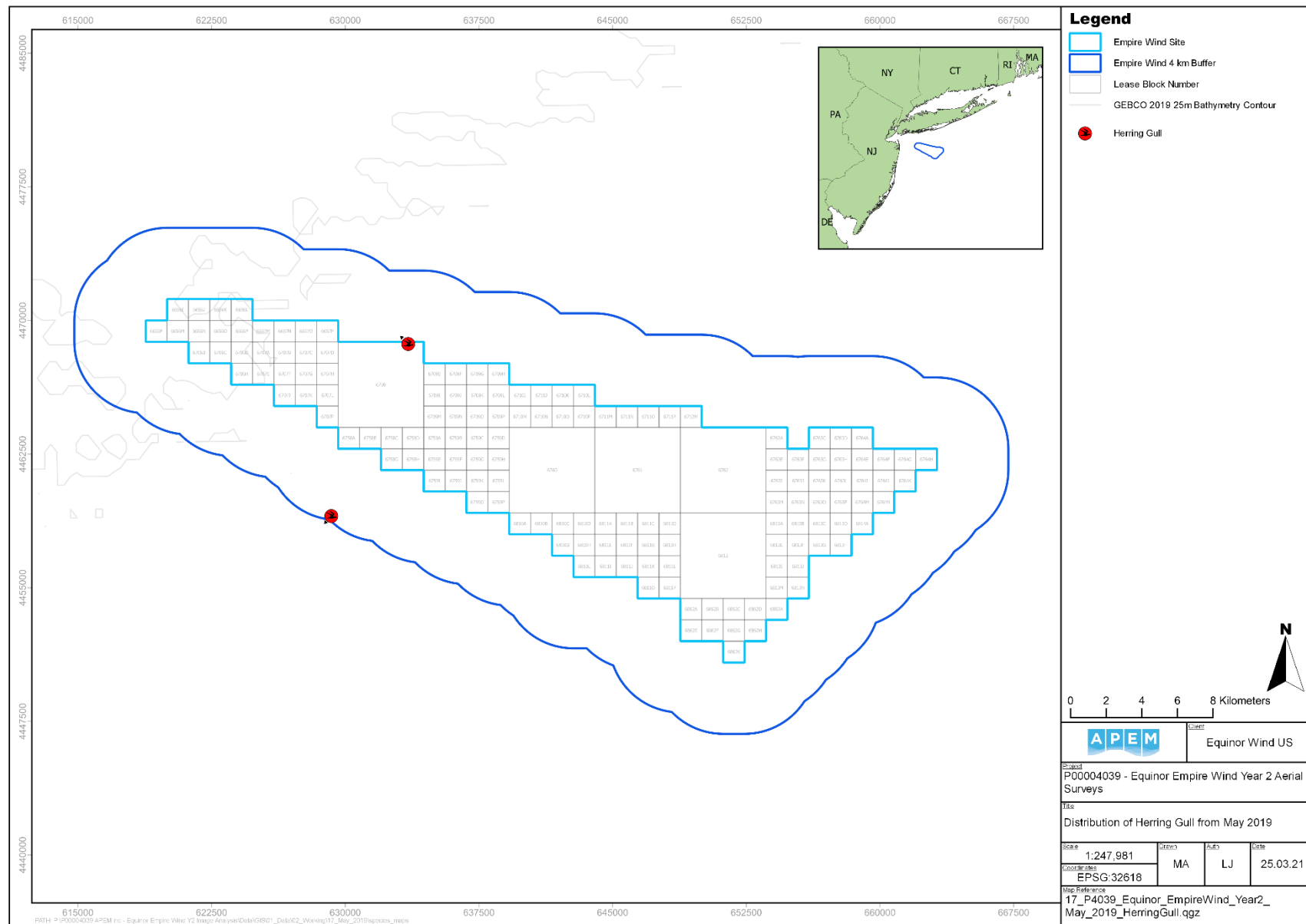


Figure 108

Distribution of herring gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

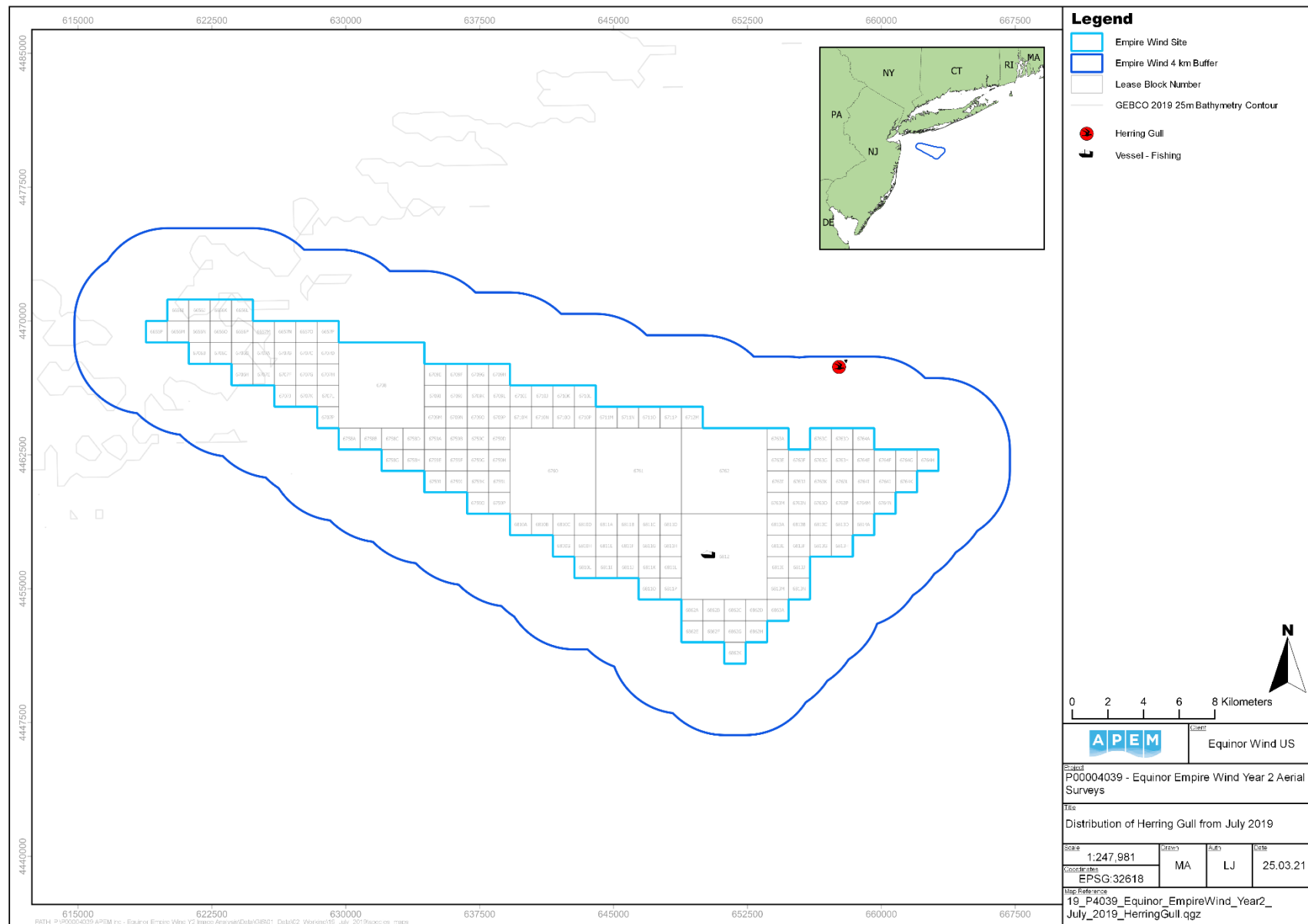


Figure 109

Distribution of herring gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

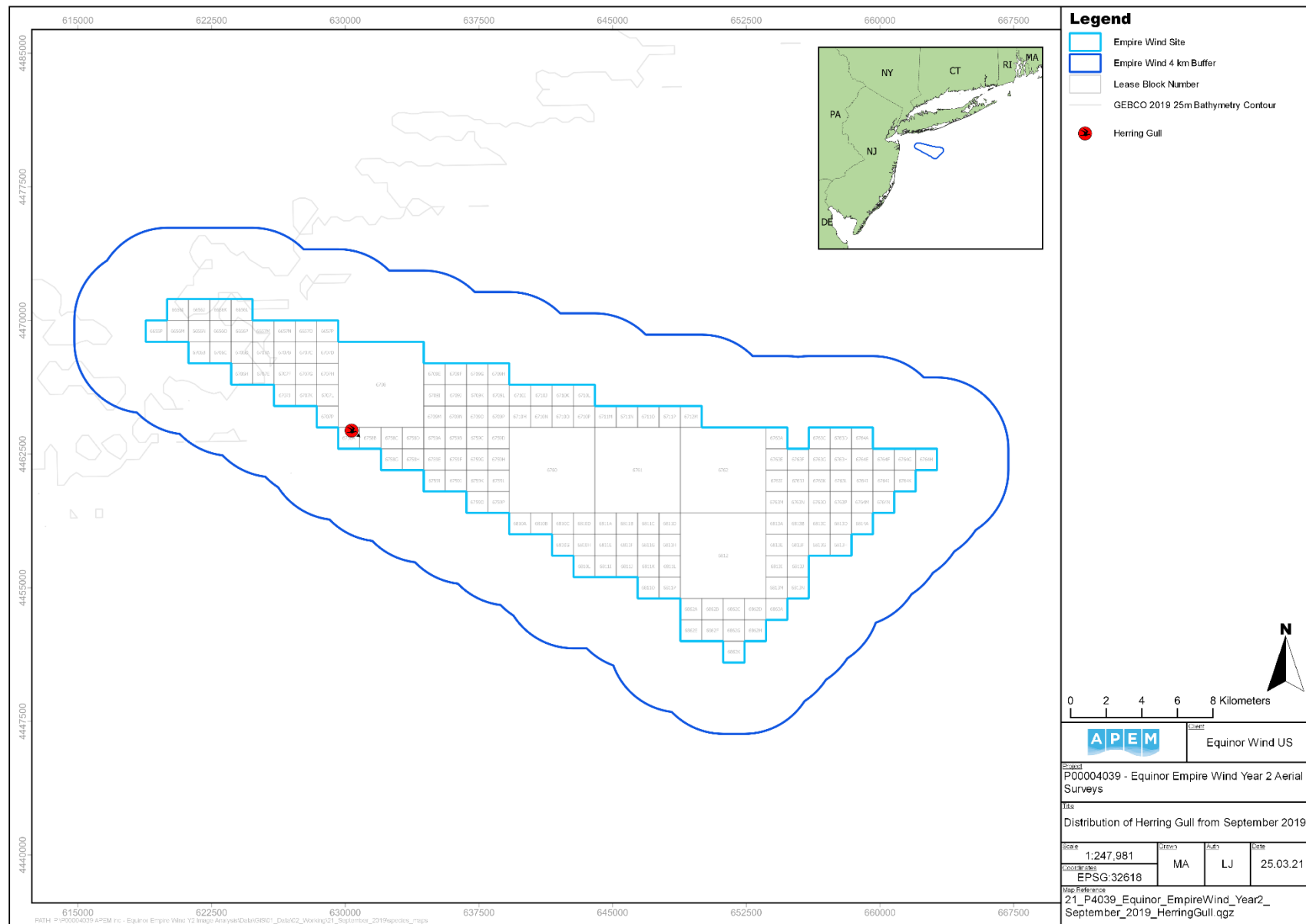


Figure 110

Distribution of herring gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

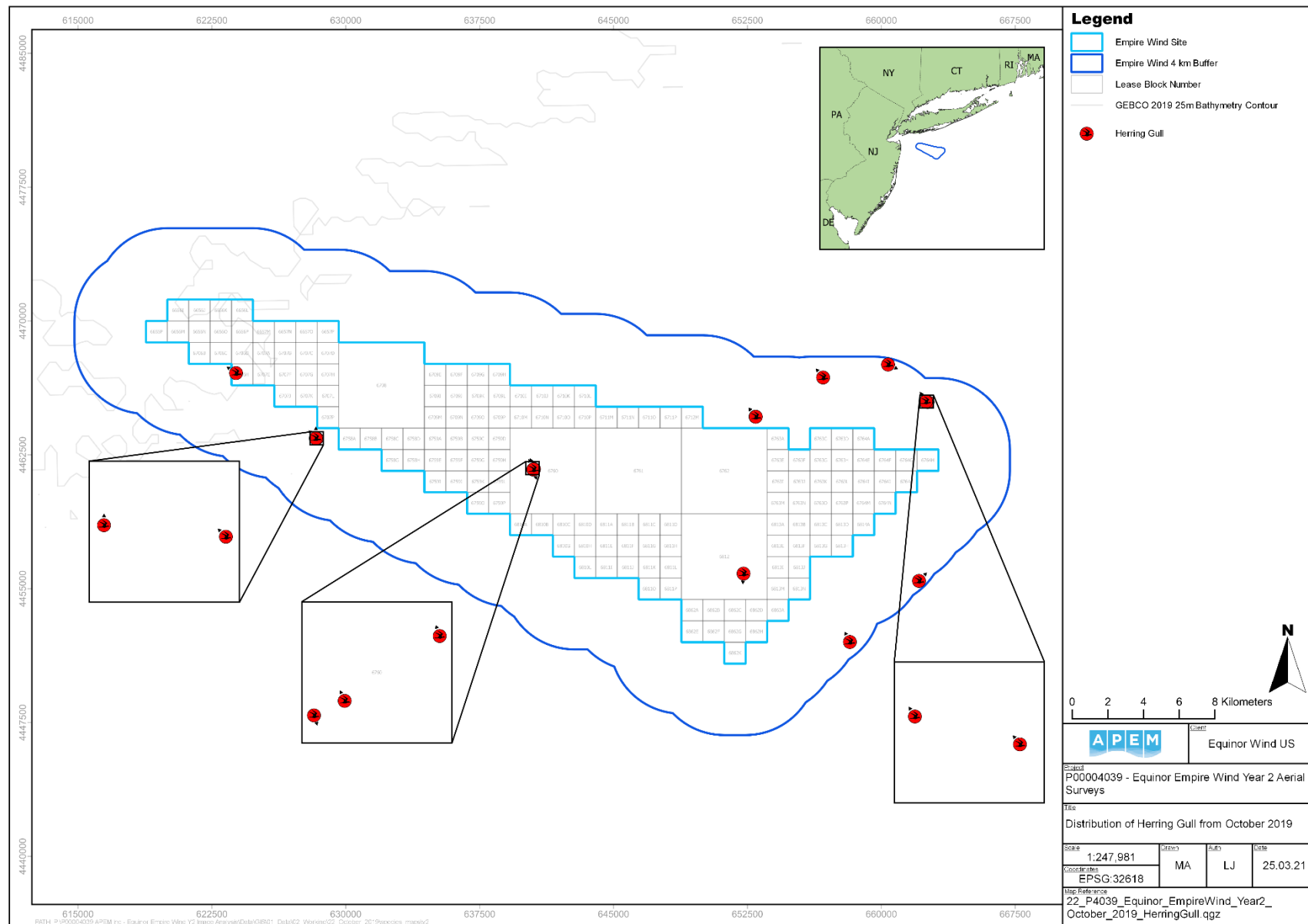


Figure 111 Distribution of herring gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

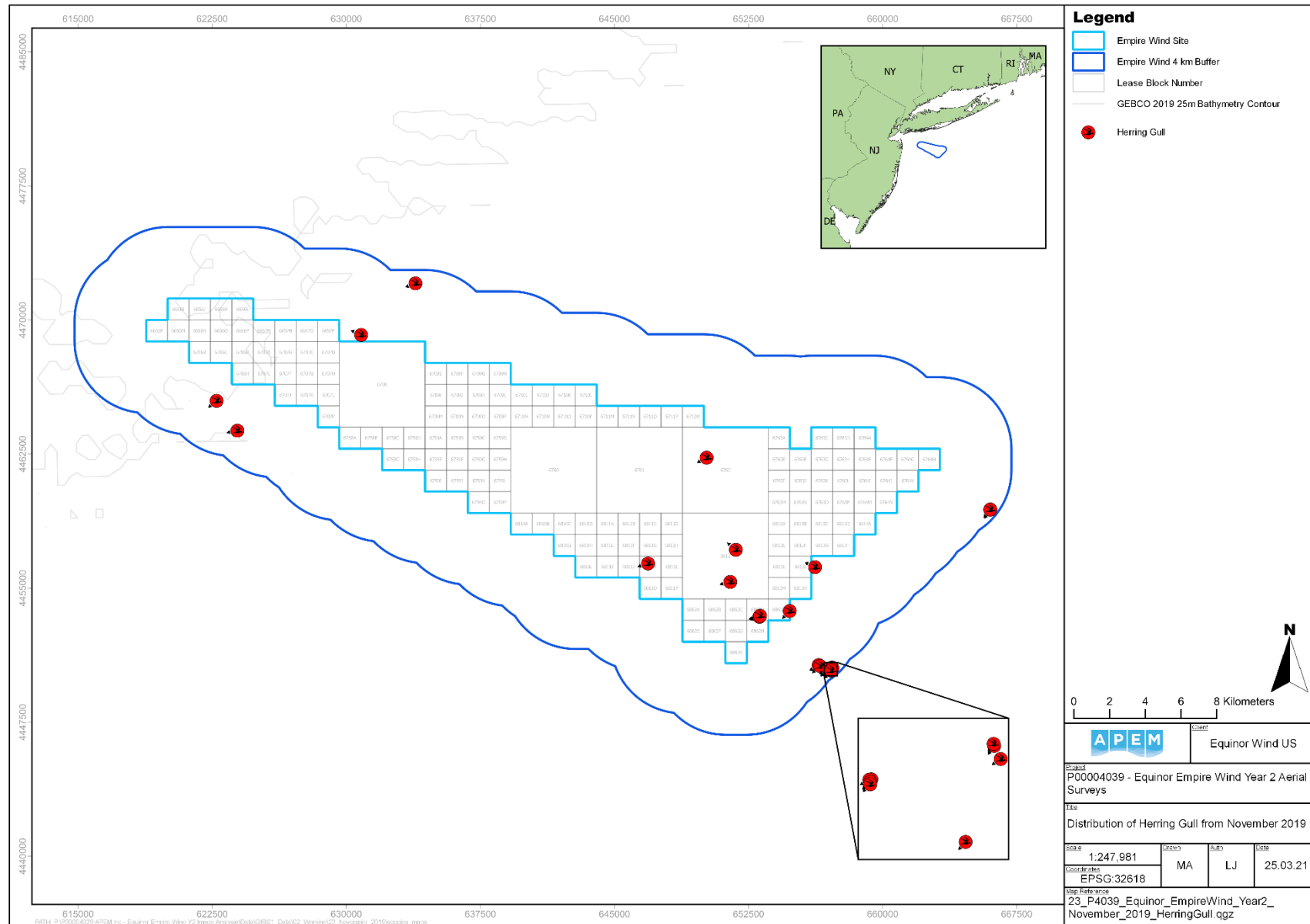
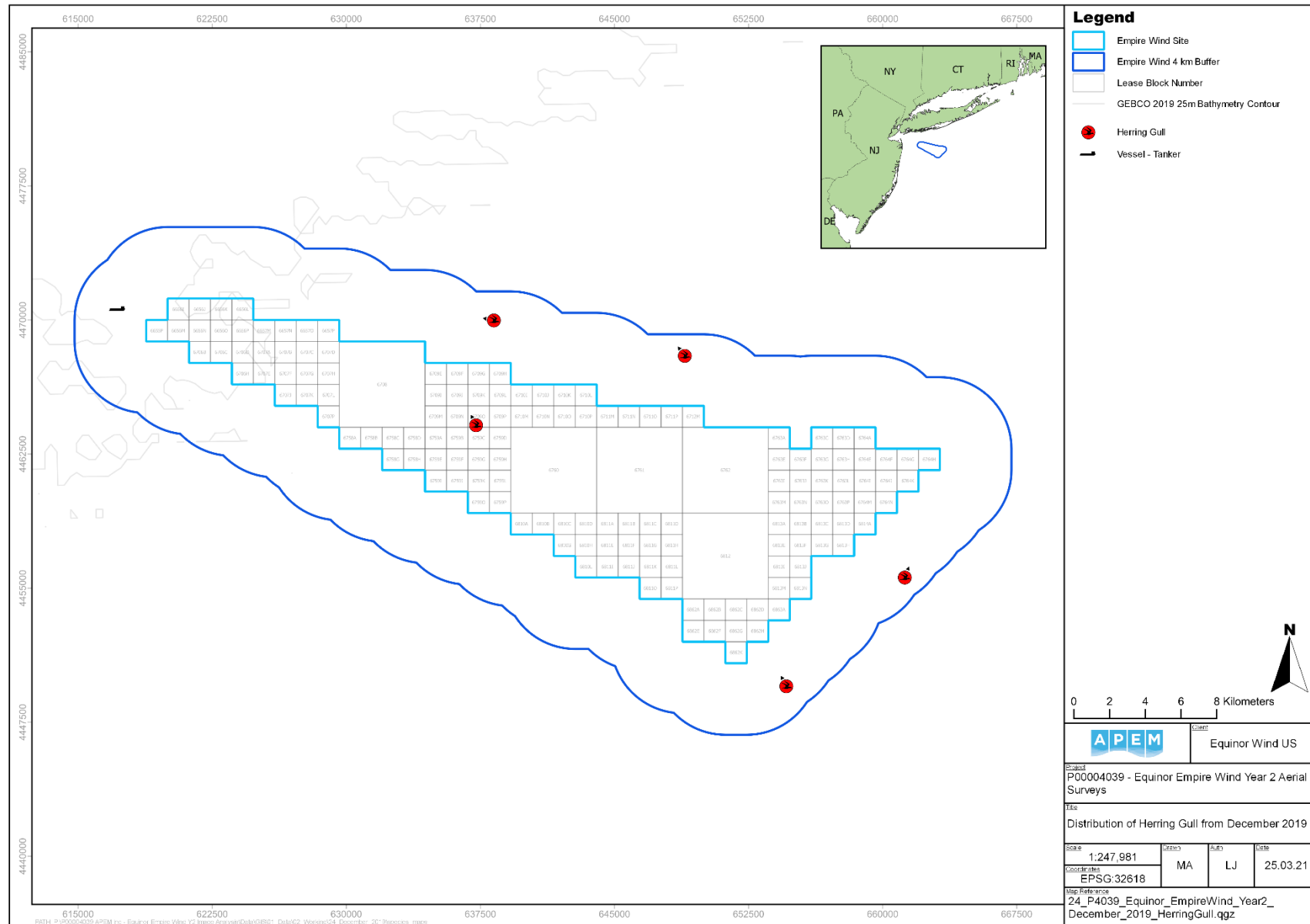


Figure 112 Distribution of herring gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23



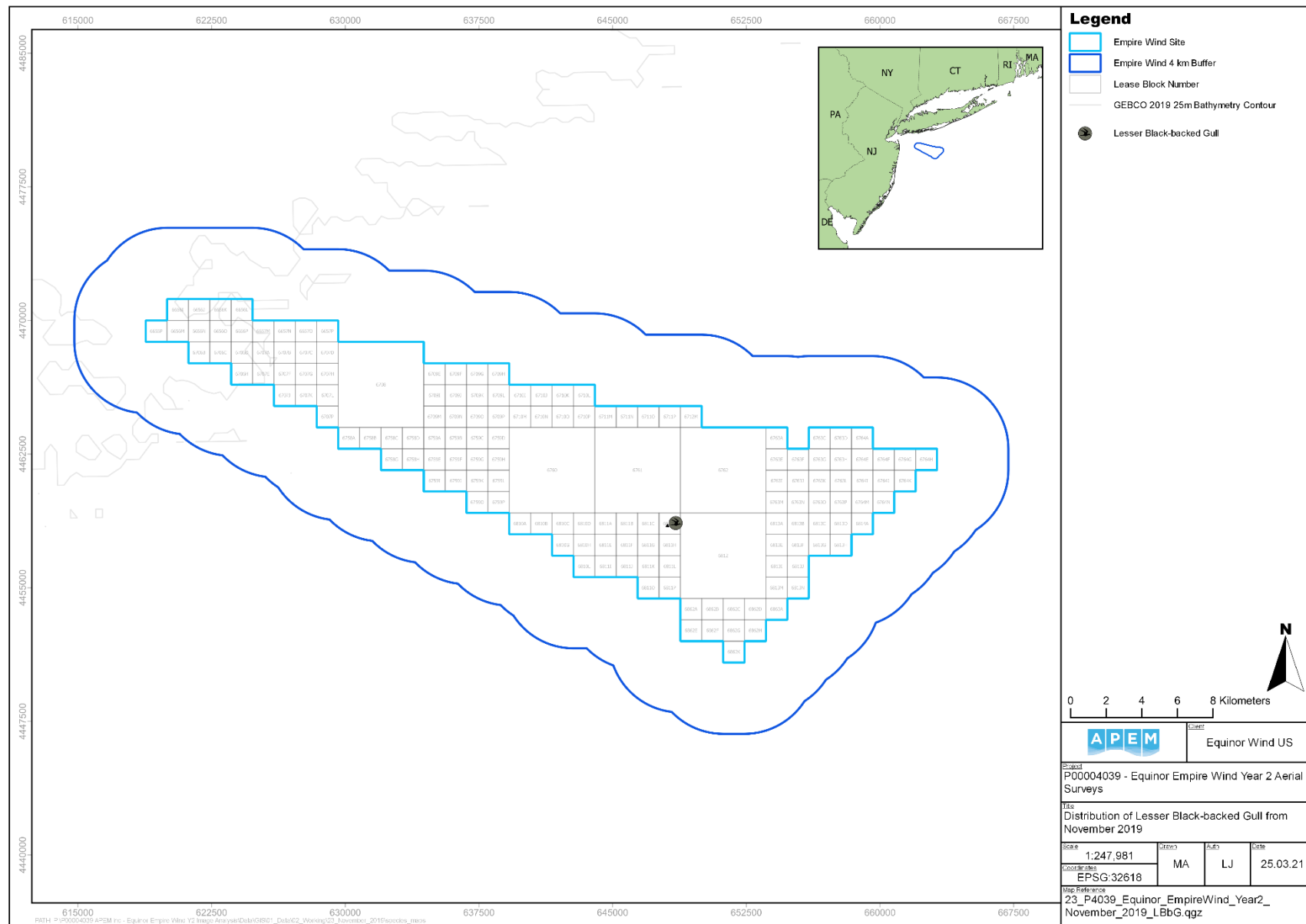


Figure 114 Distribution of lesser black-backed gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

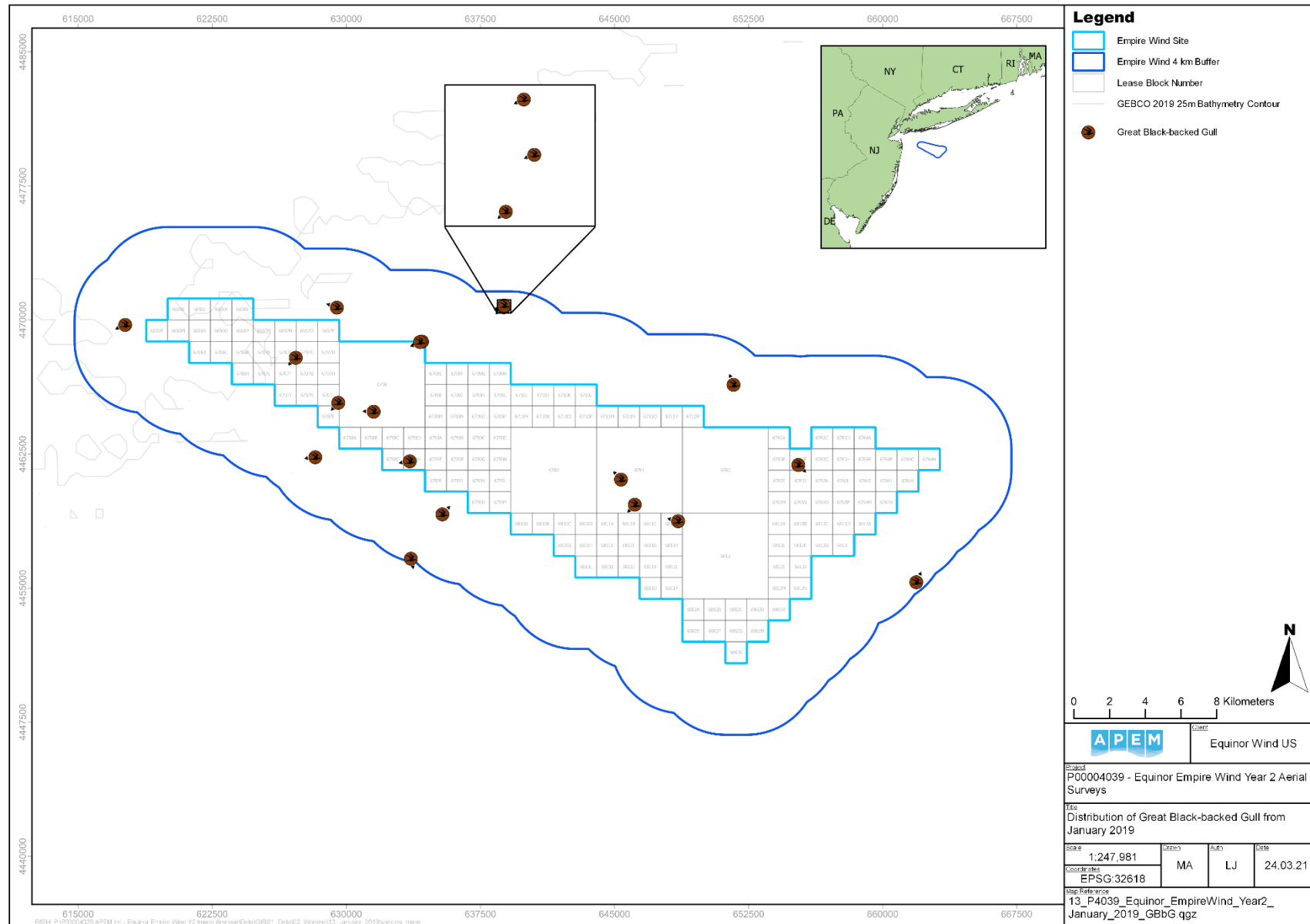


Figure 115 Distribution of great black-backed gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 13

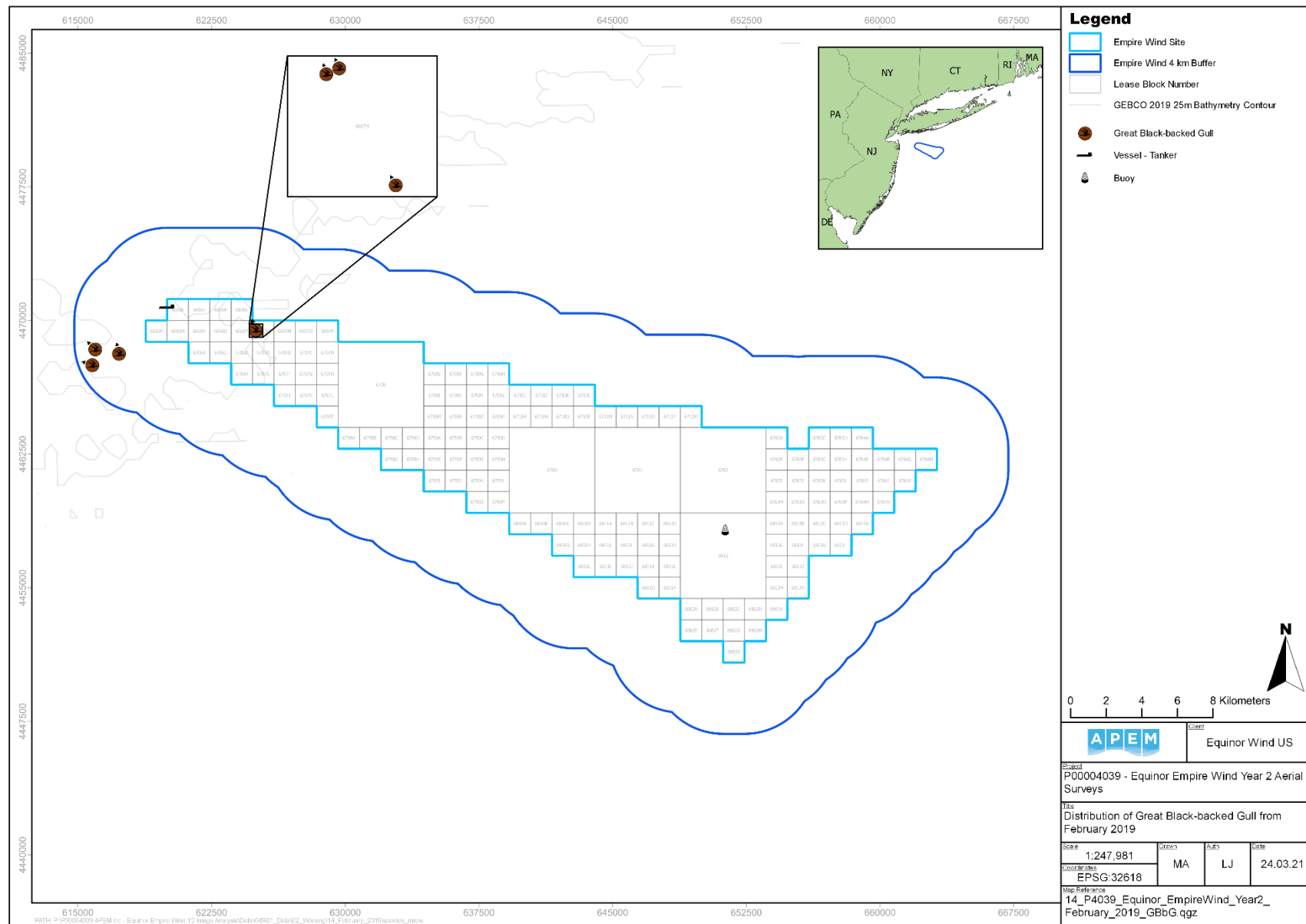


Figure 116 Distribution of great black-backed gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

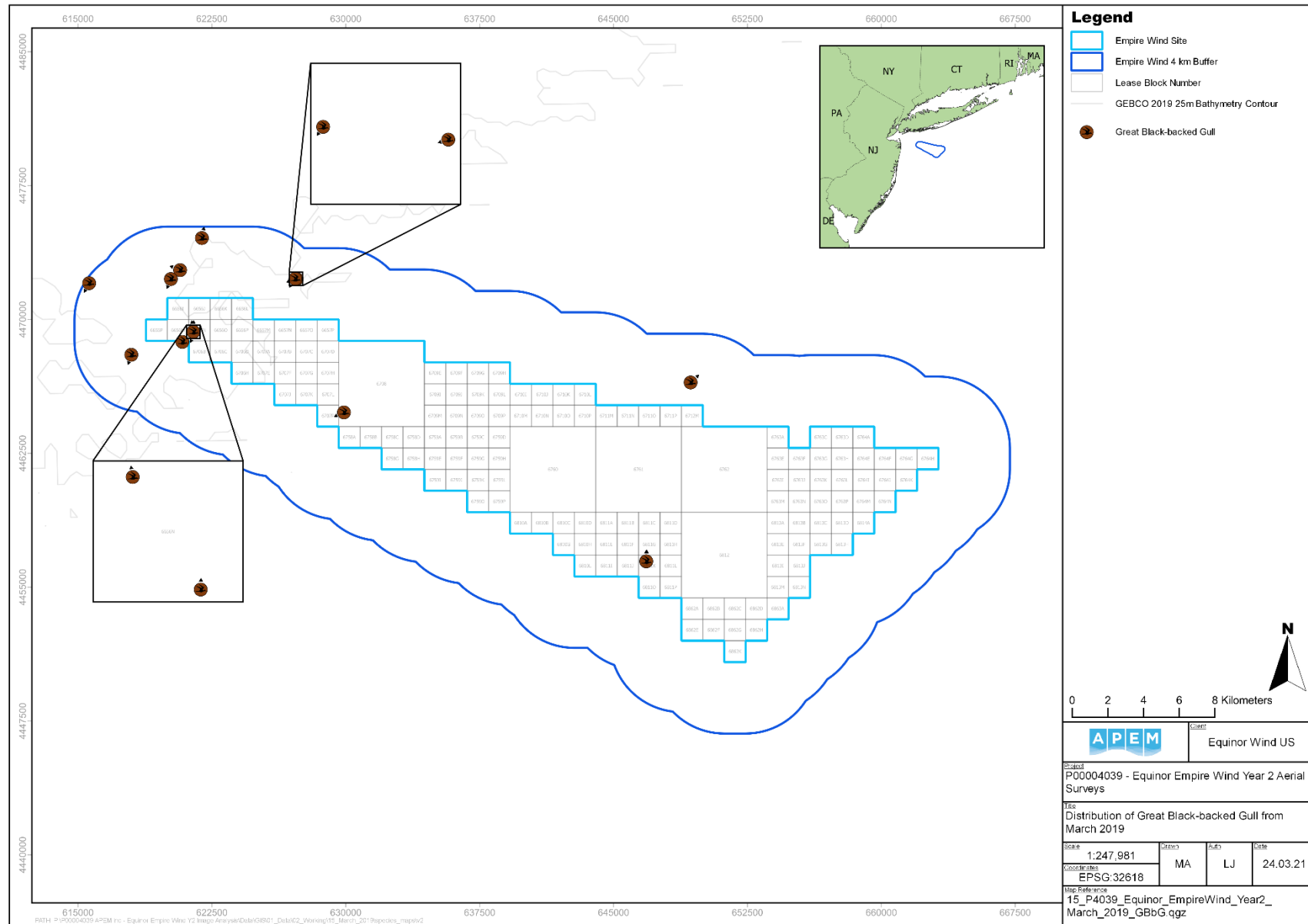


Figure 117 Distribution of great black-backed gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

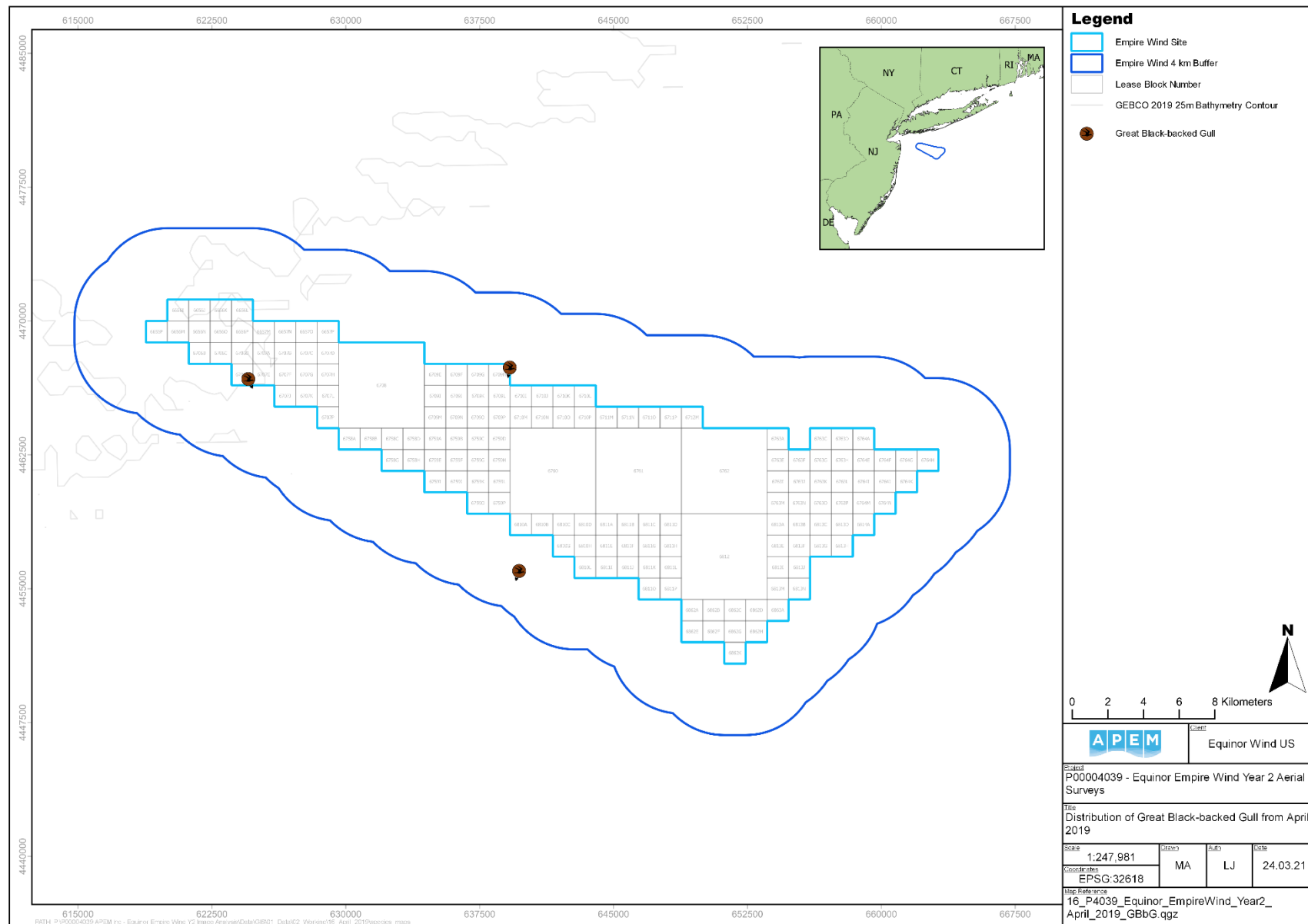
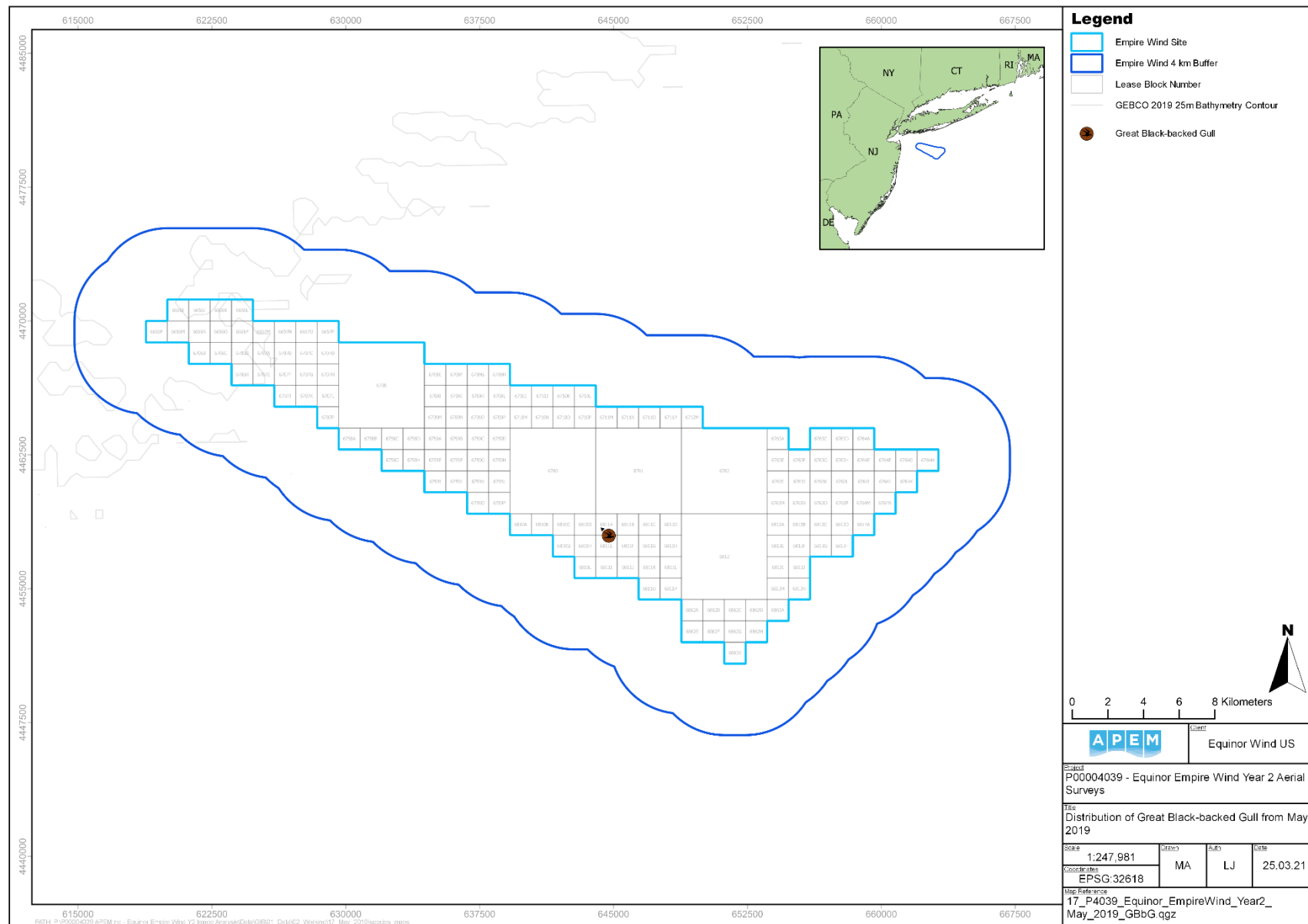


Figure 118 Distribution of great black-backed gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16



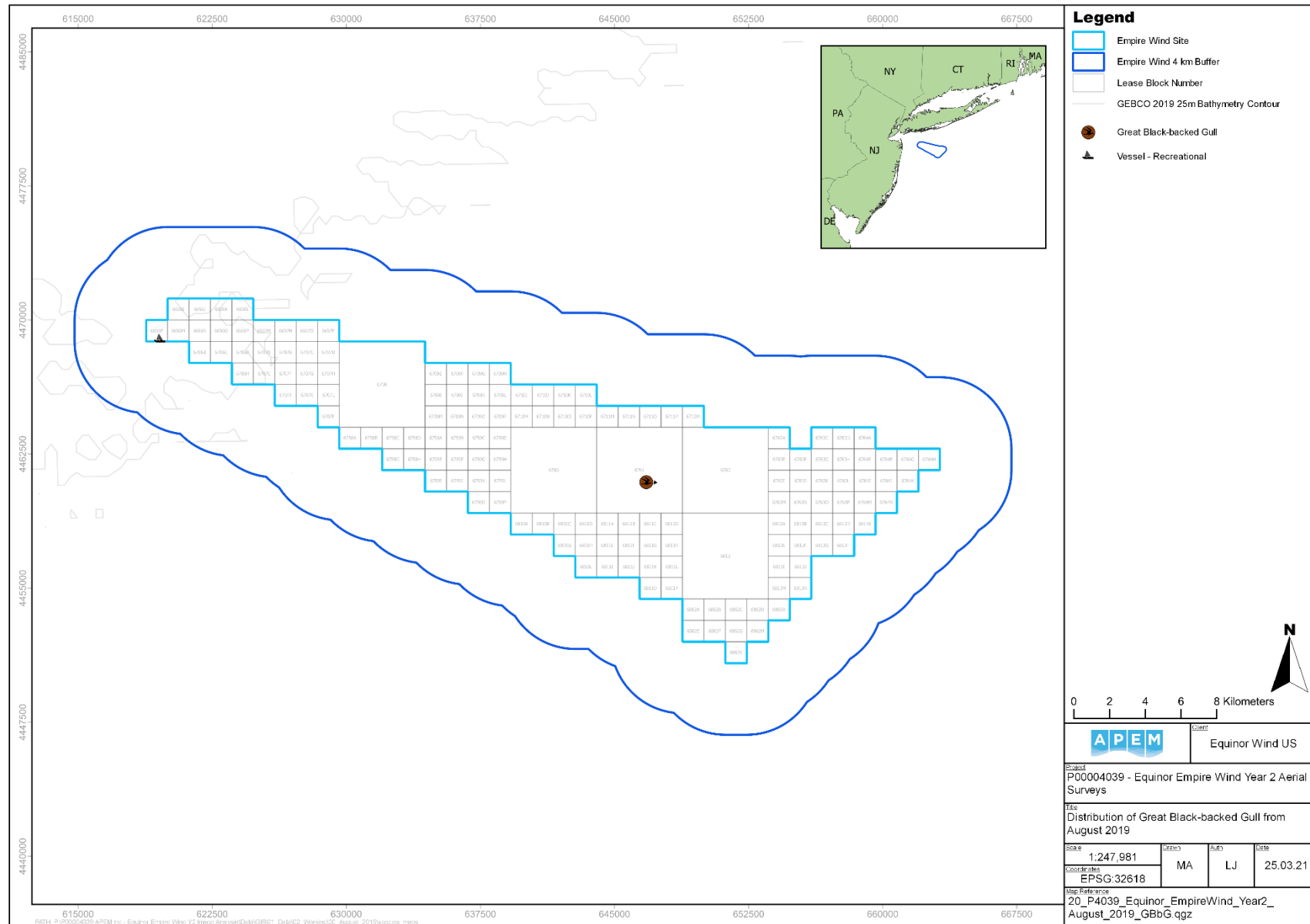


Figure 120 Distribution of great black-backed gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

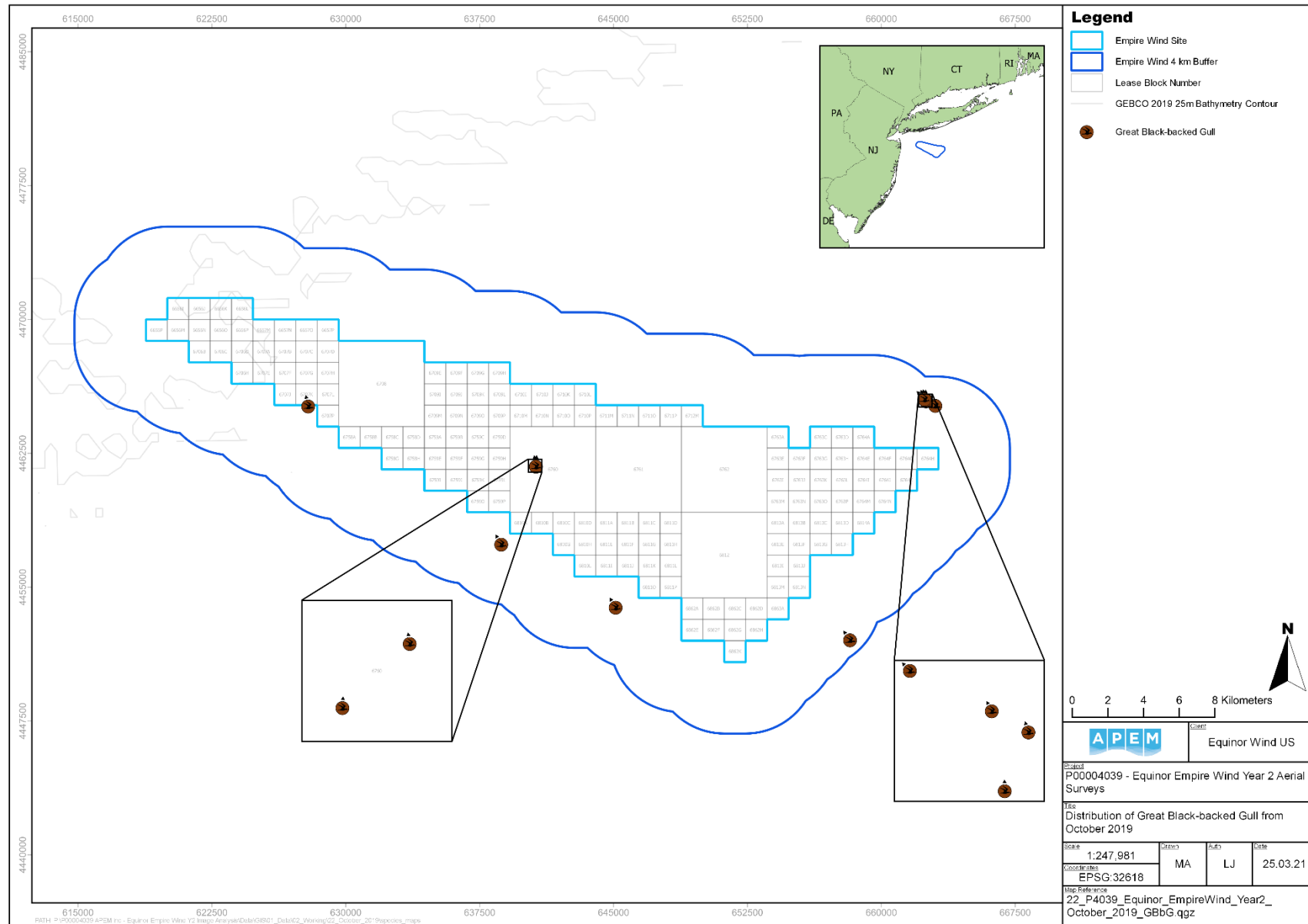


Figure 121 Distribution of great black-backed gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

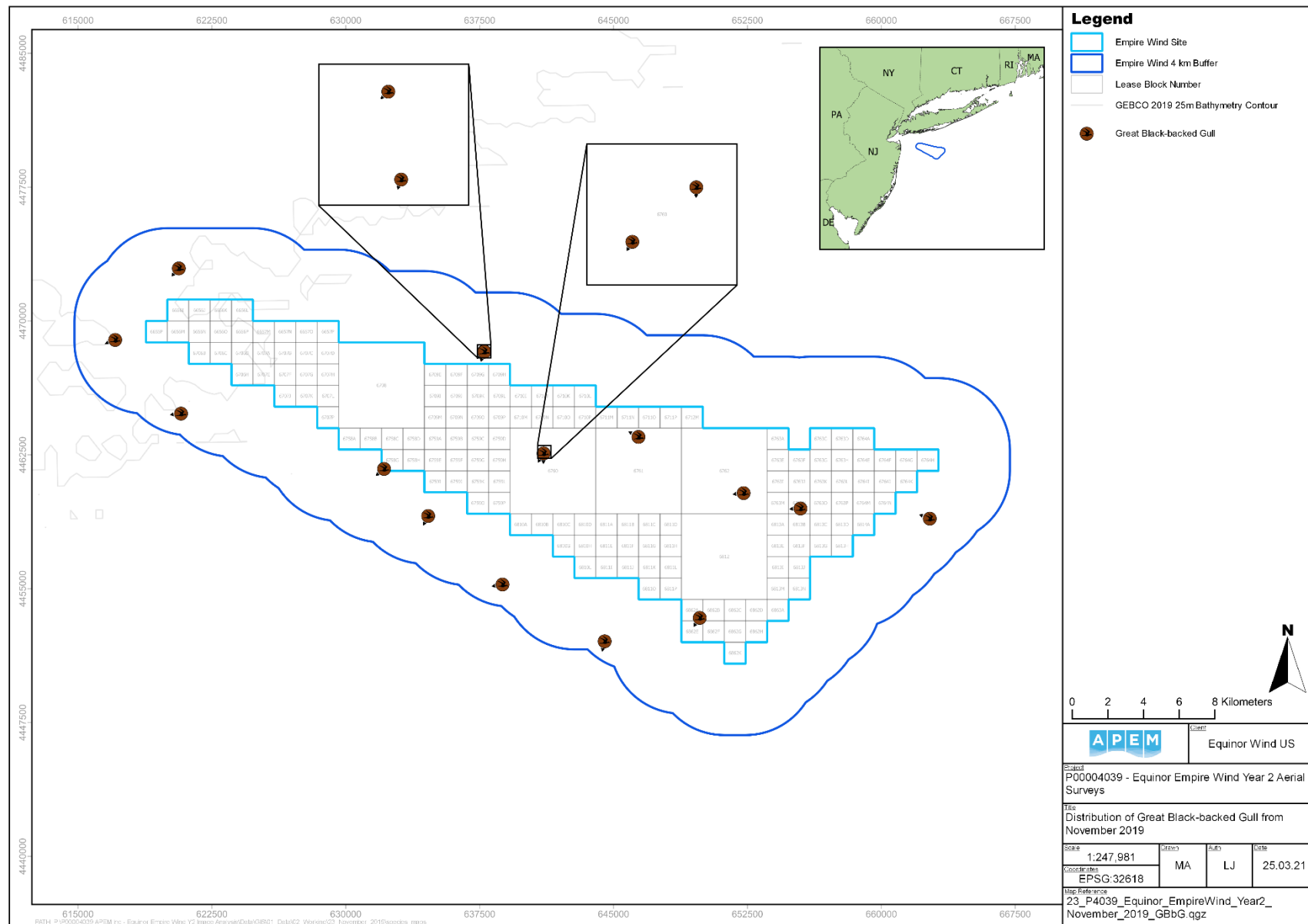


Figure 122 Distribution of great black-backed gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

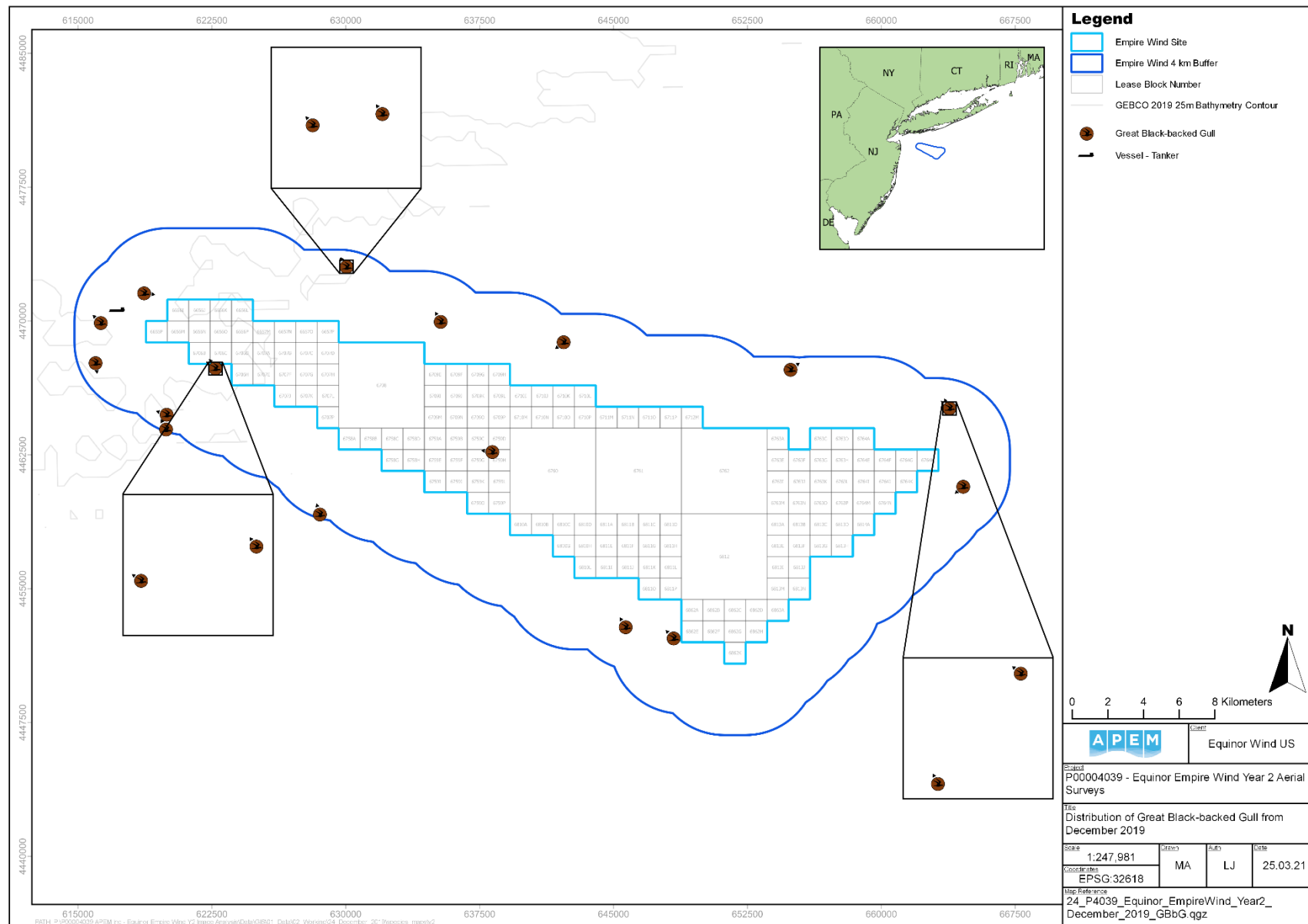


Figure 123 Distribution of great black-backed gull recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

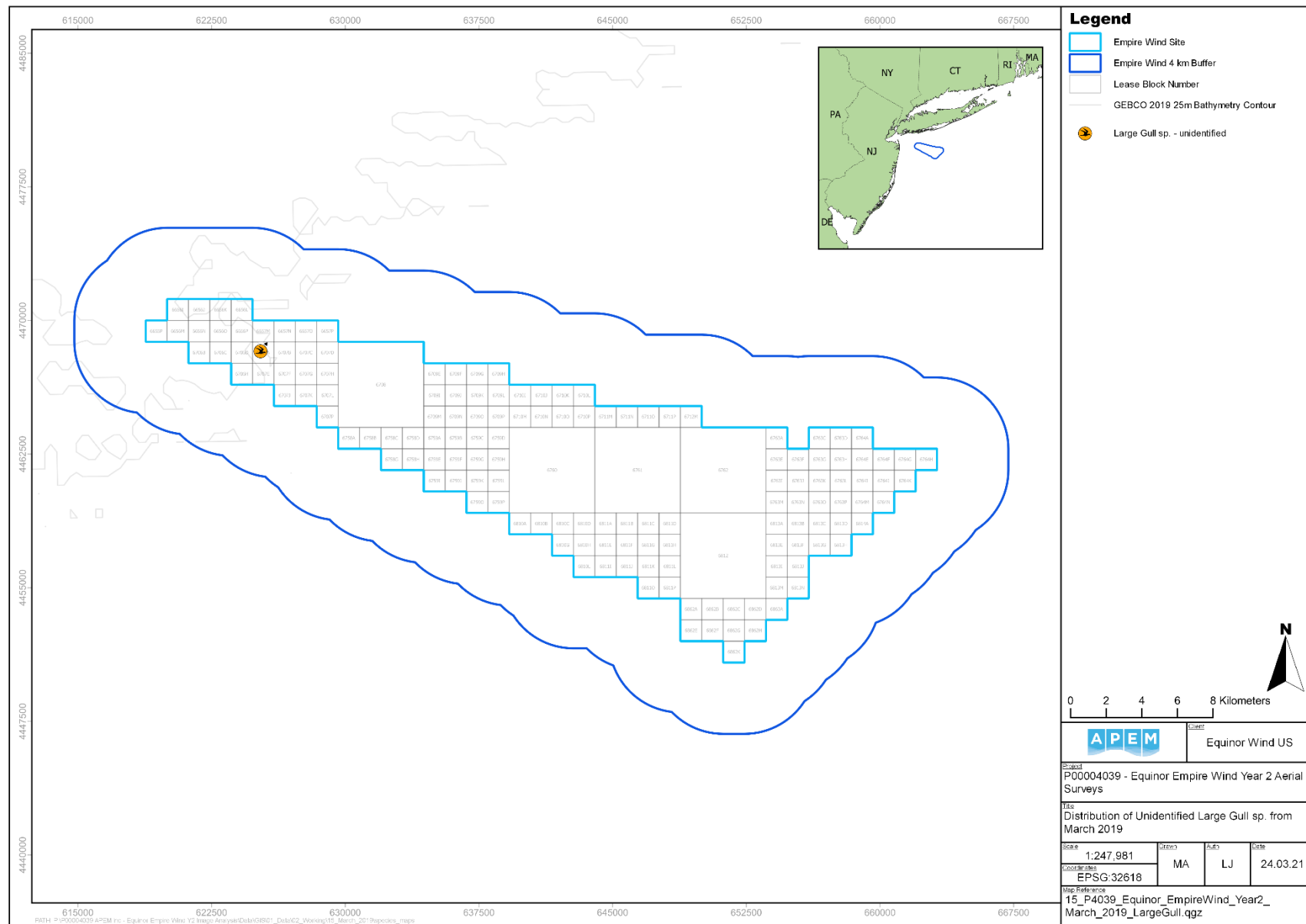


Figure 124 Distribution of unidentified large gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

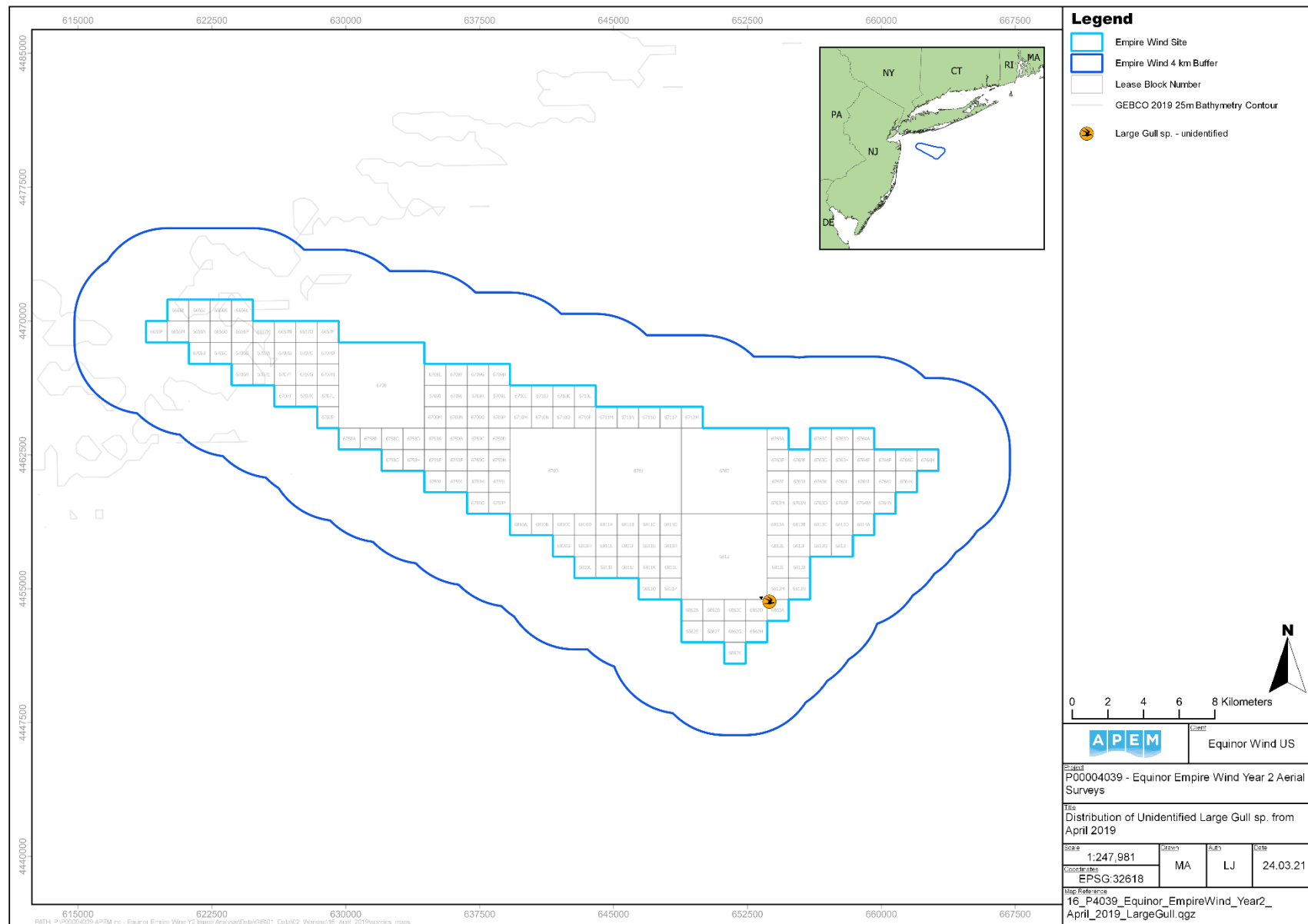


Figure 125 Distribution of unidentified large gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

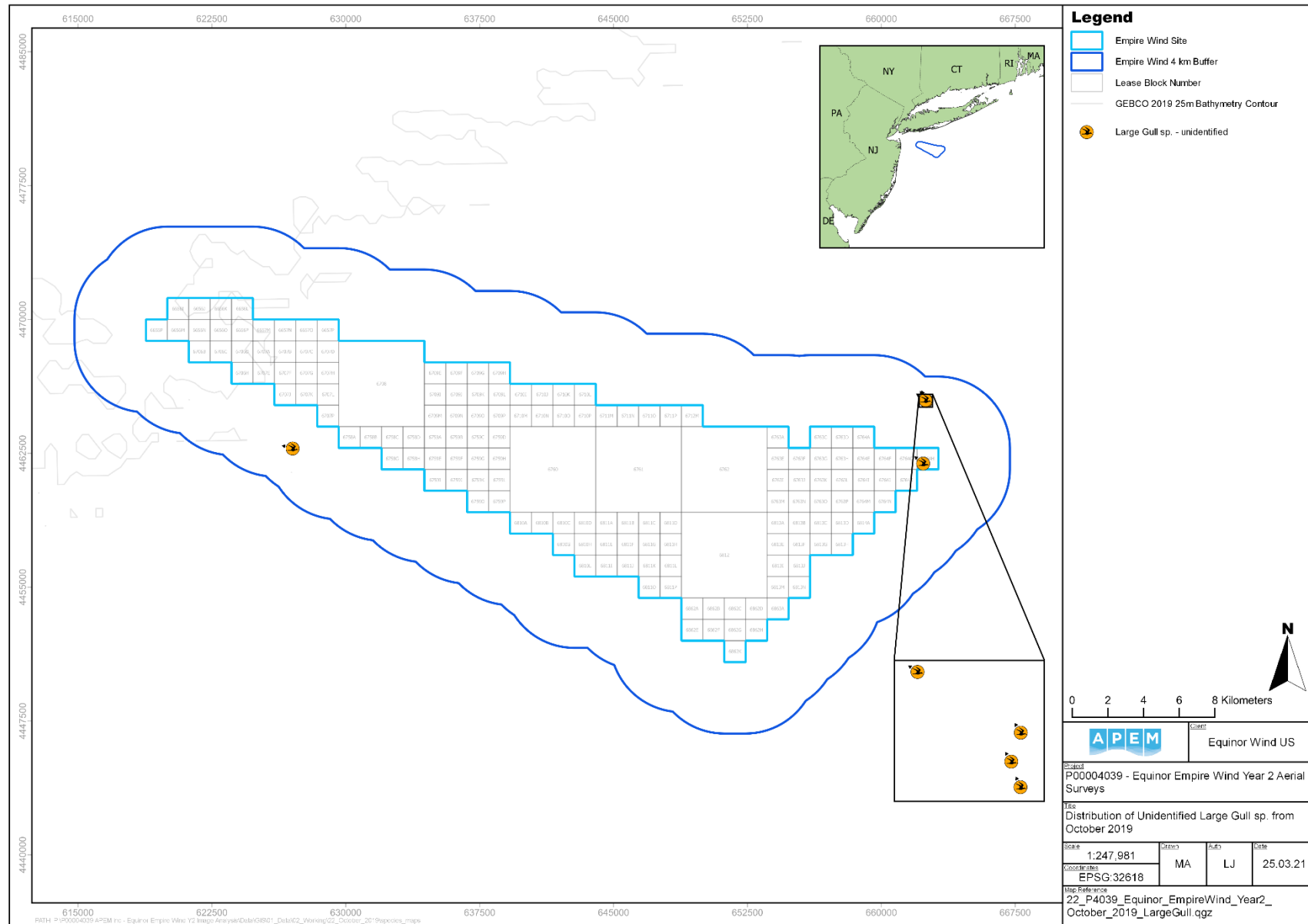


Figure 126 Distribution of unidentified large gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

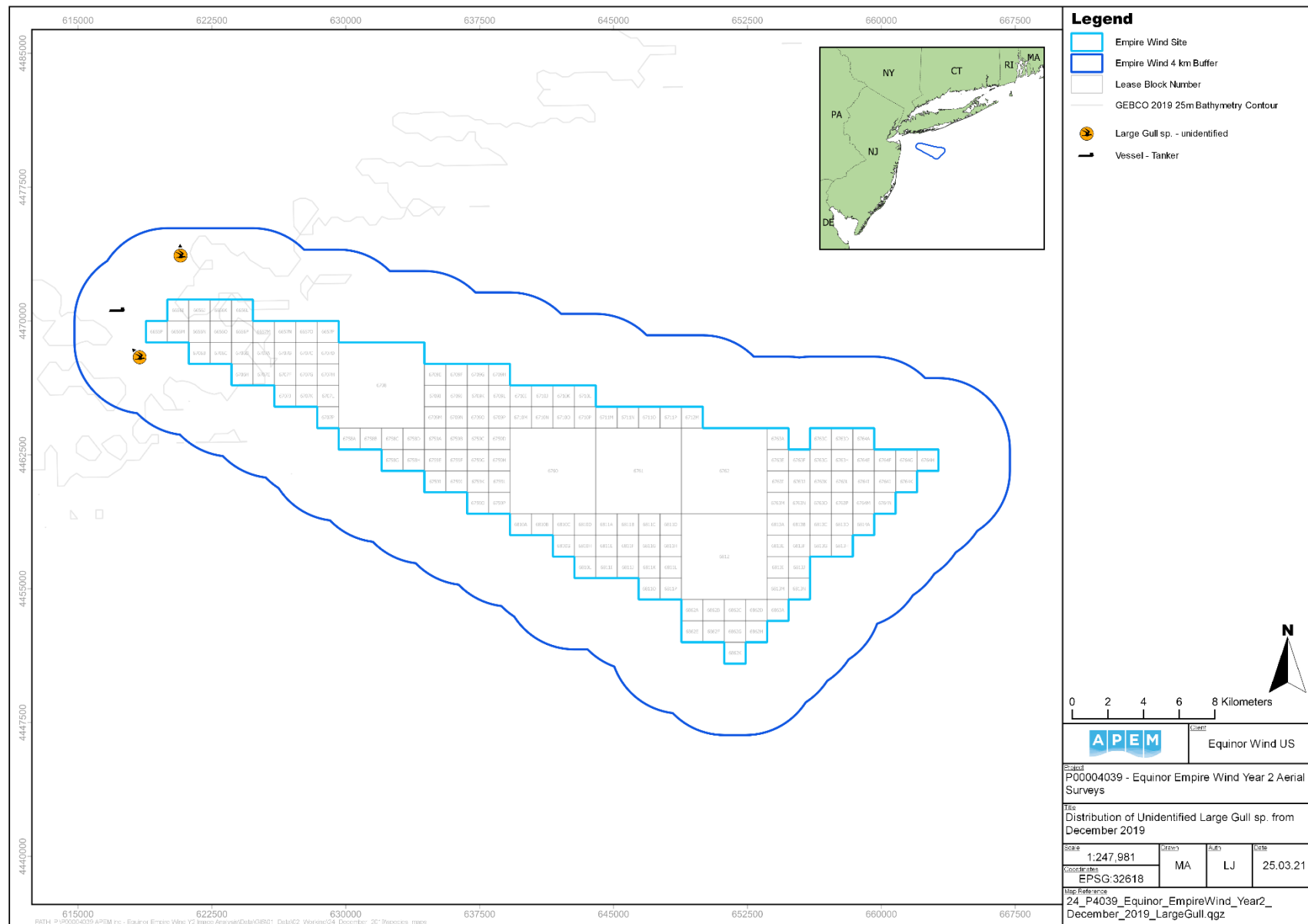


Figure 127 Distribution of unidentified large gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

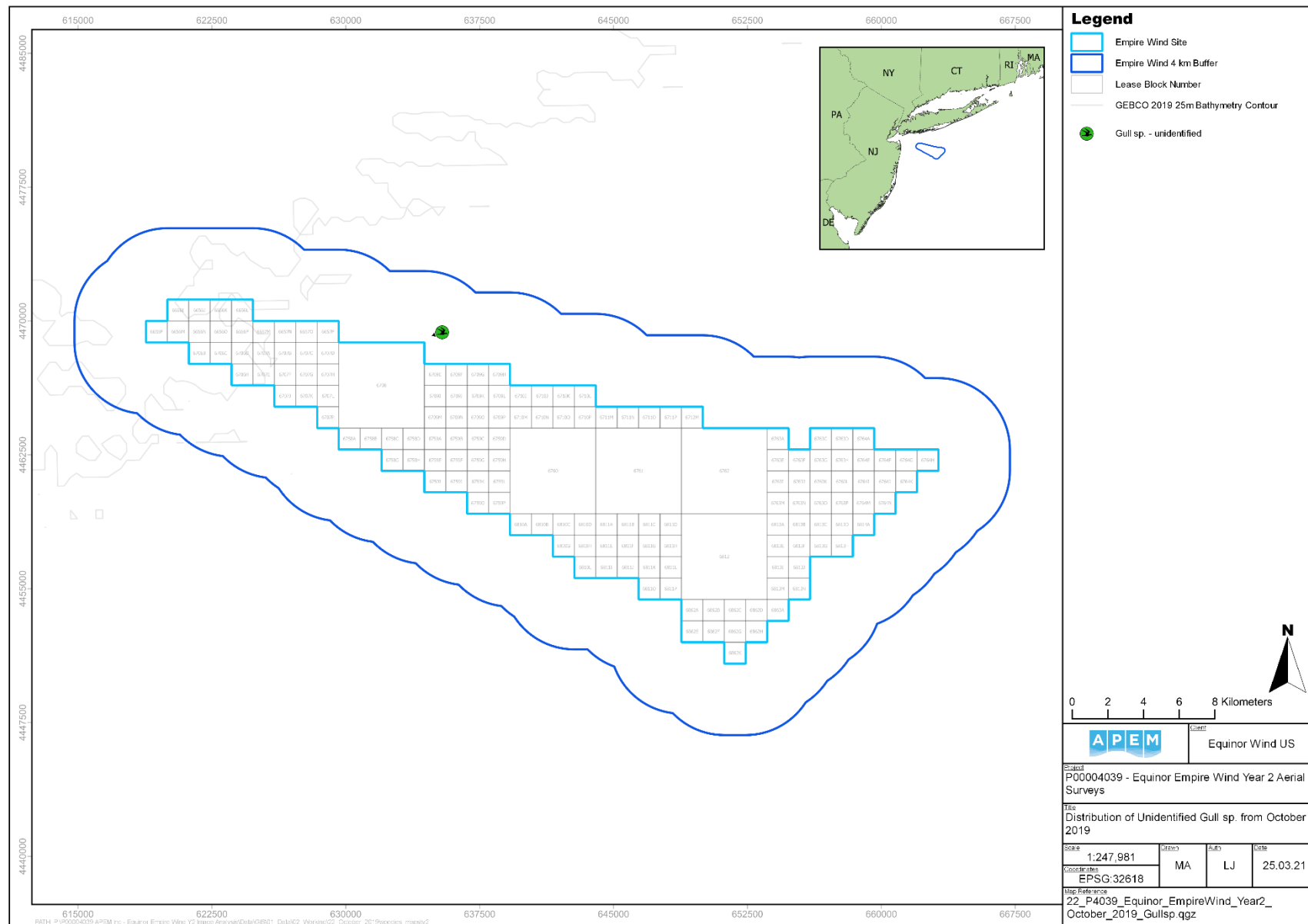


Figure 128 Distribution of unidentified gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

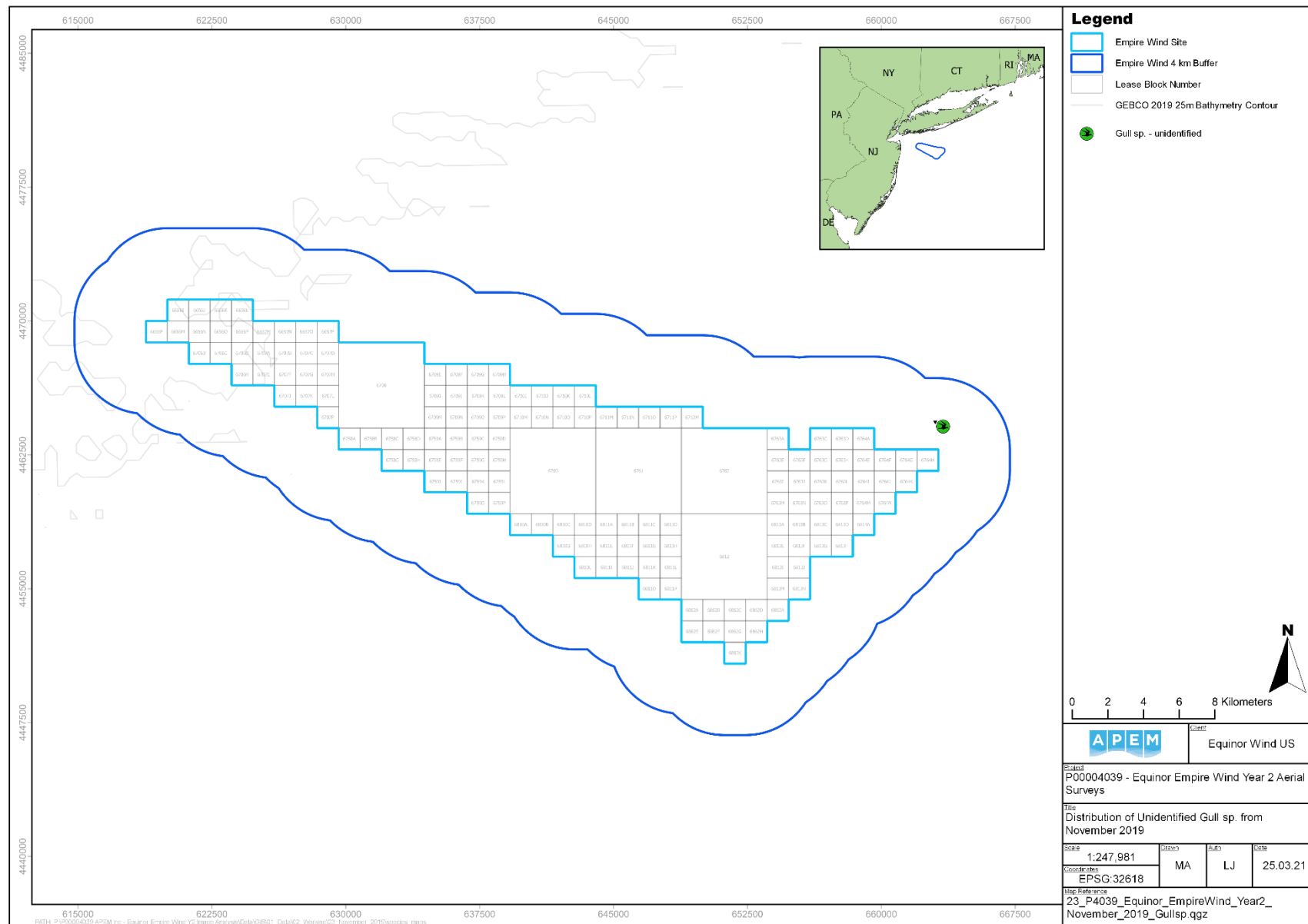


Figure 129 Distribution of unidentified gull species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

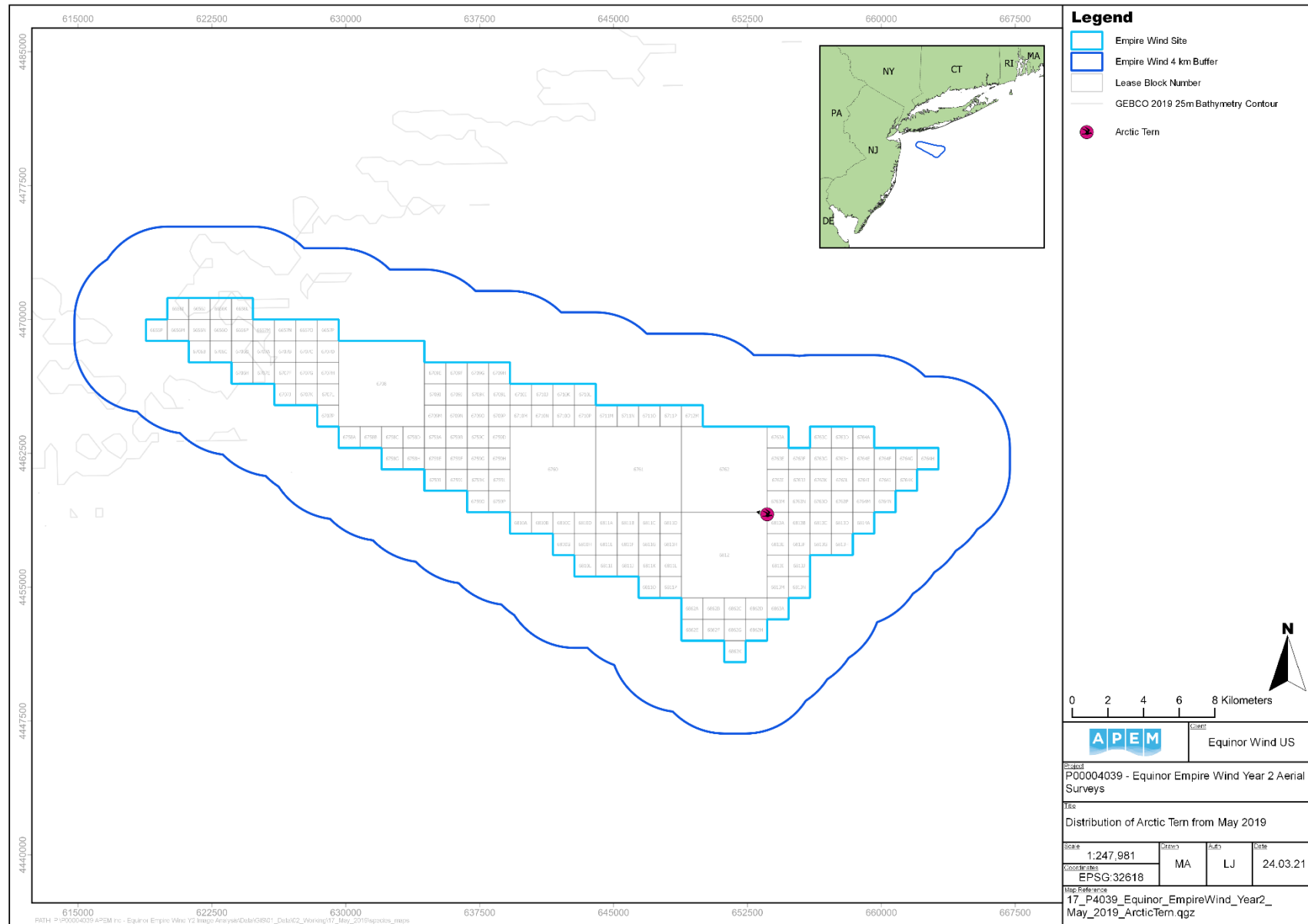


Figure 130 Distribution of Arctic tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

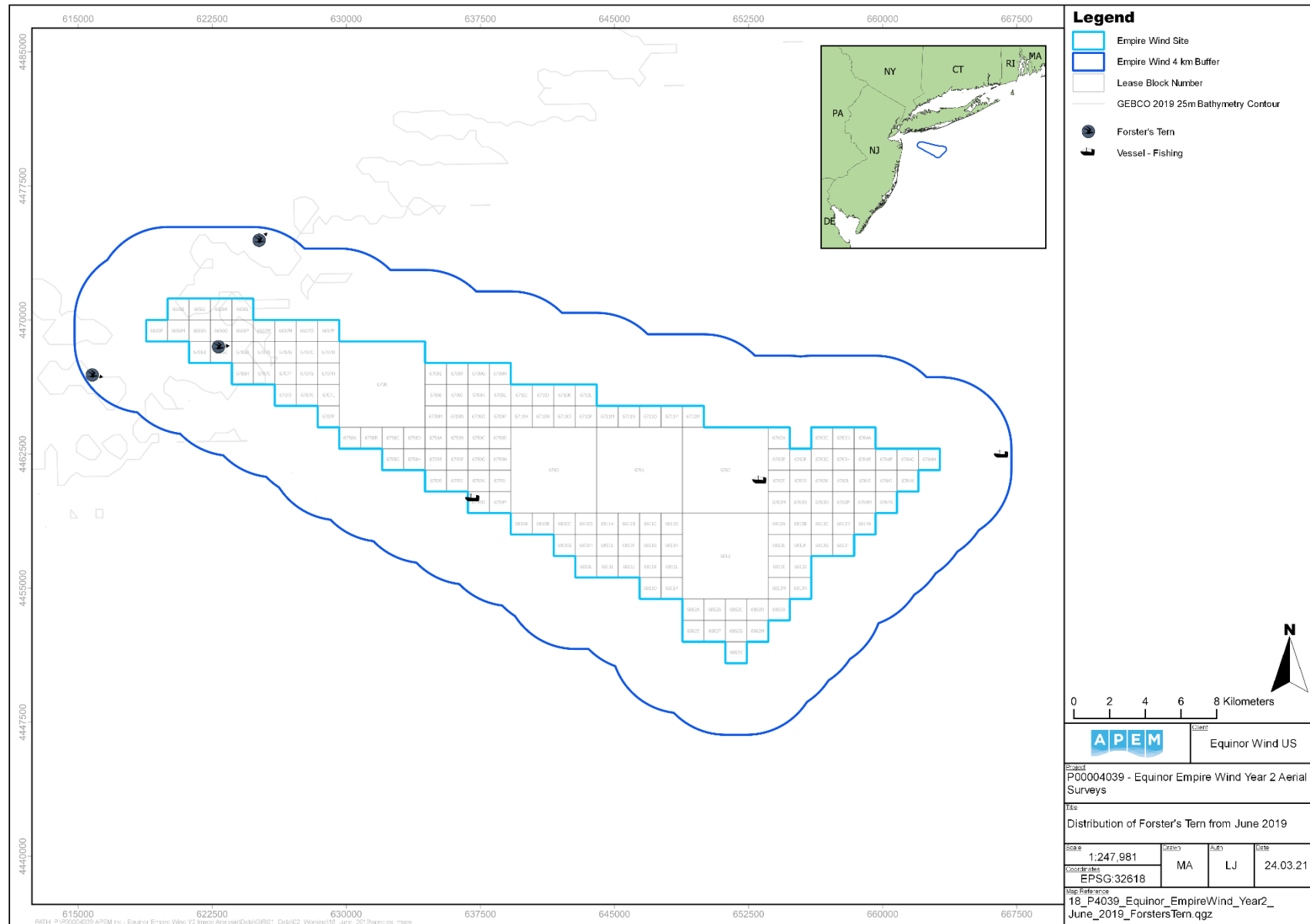


Figure 131 Distribution of Forster's tern recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

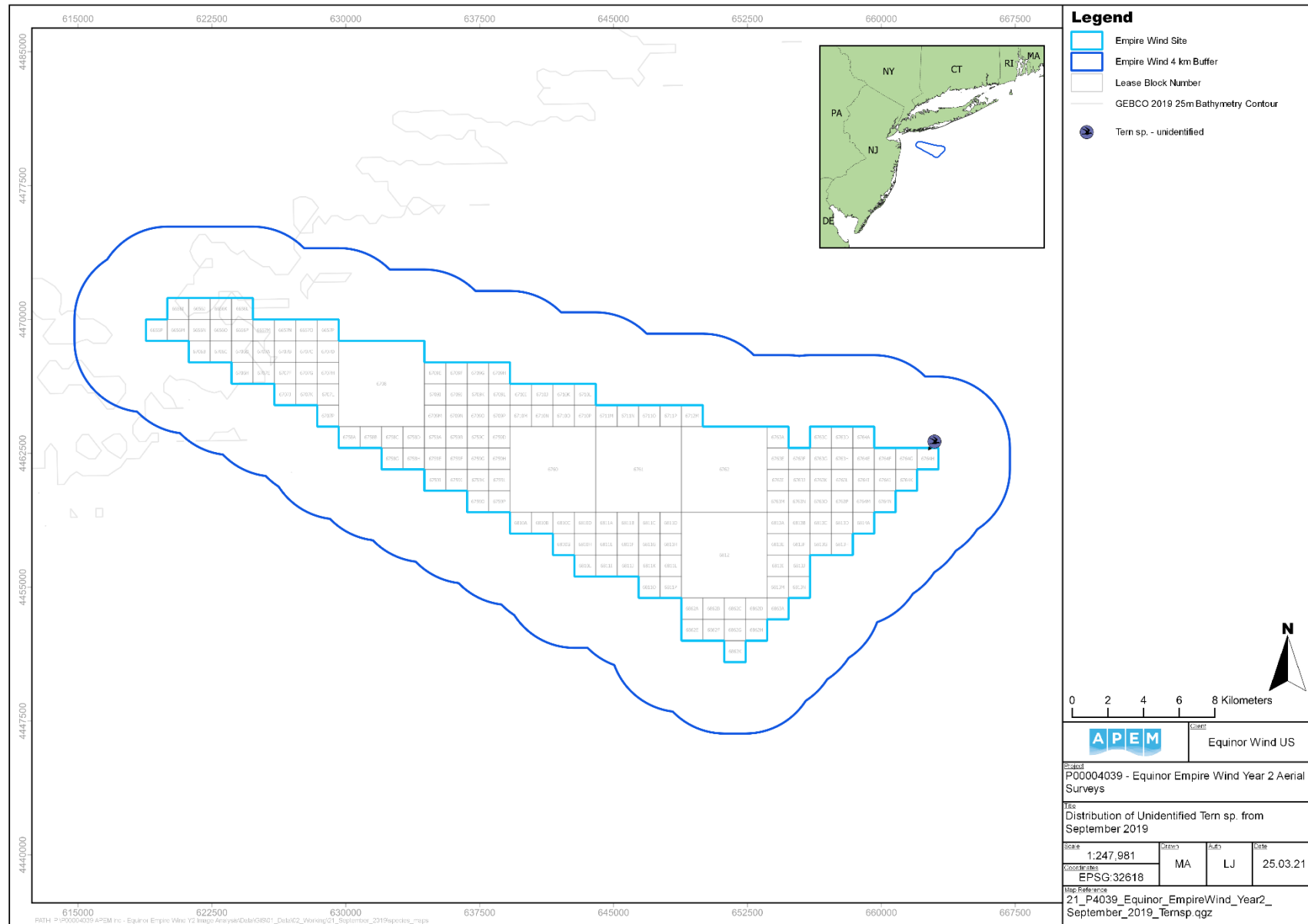


Figure 132 Distribution of unidentified tern species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

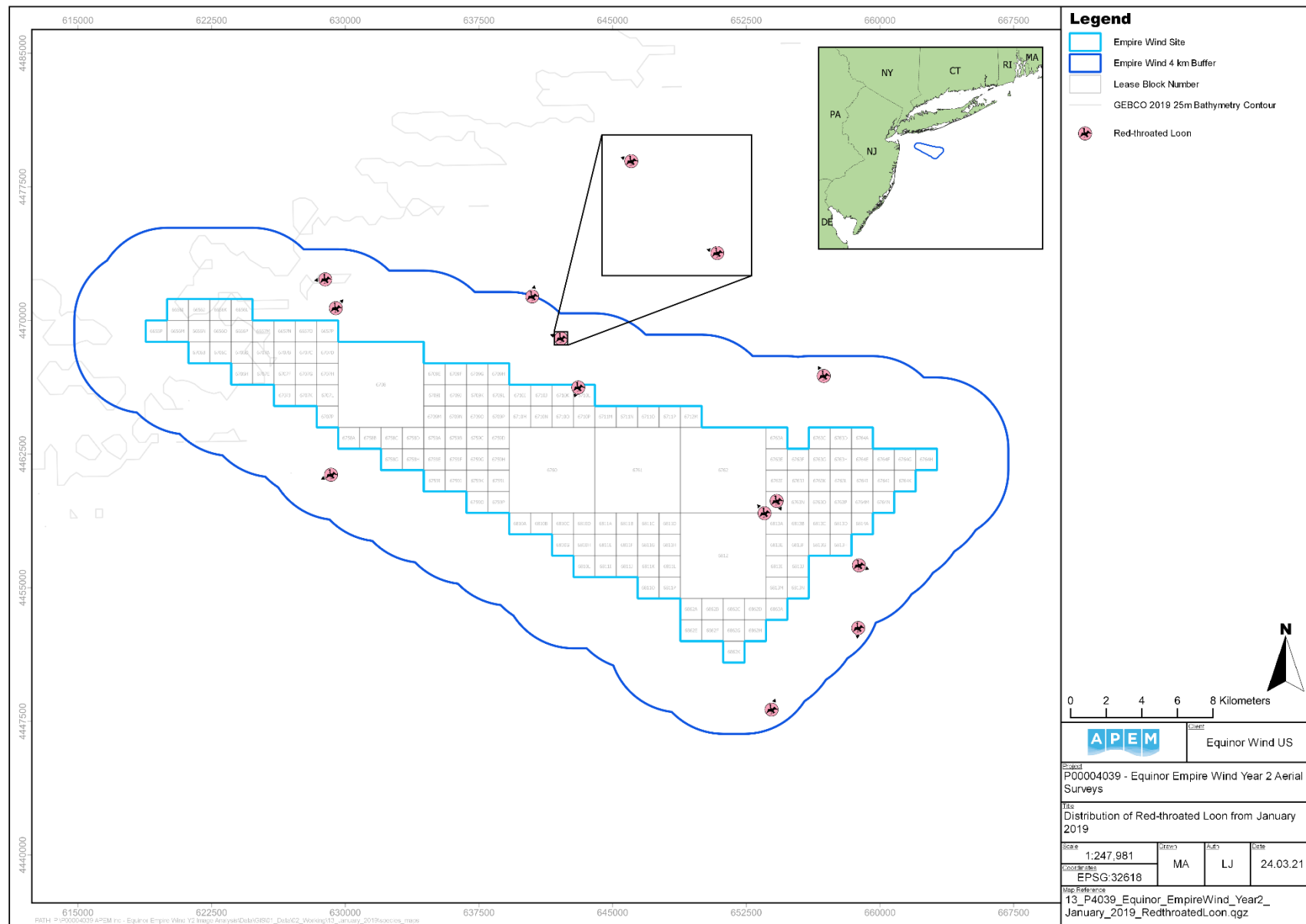


Figure 133 Distribution of red-throated loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 13

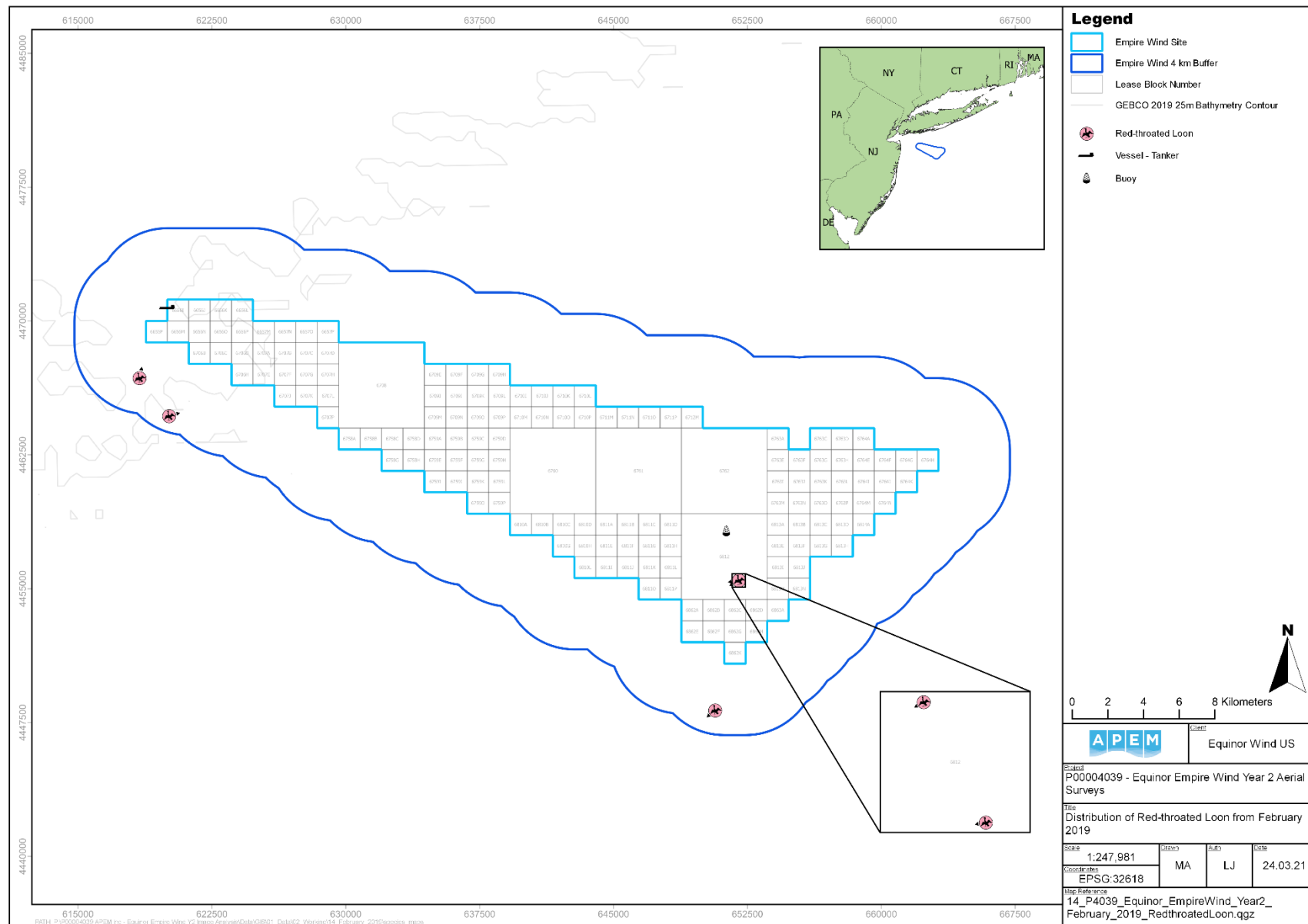


Figure 134 Distribution of red-throated loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

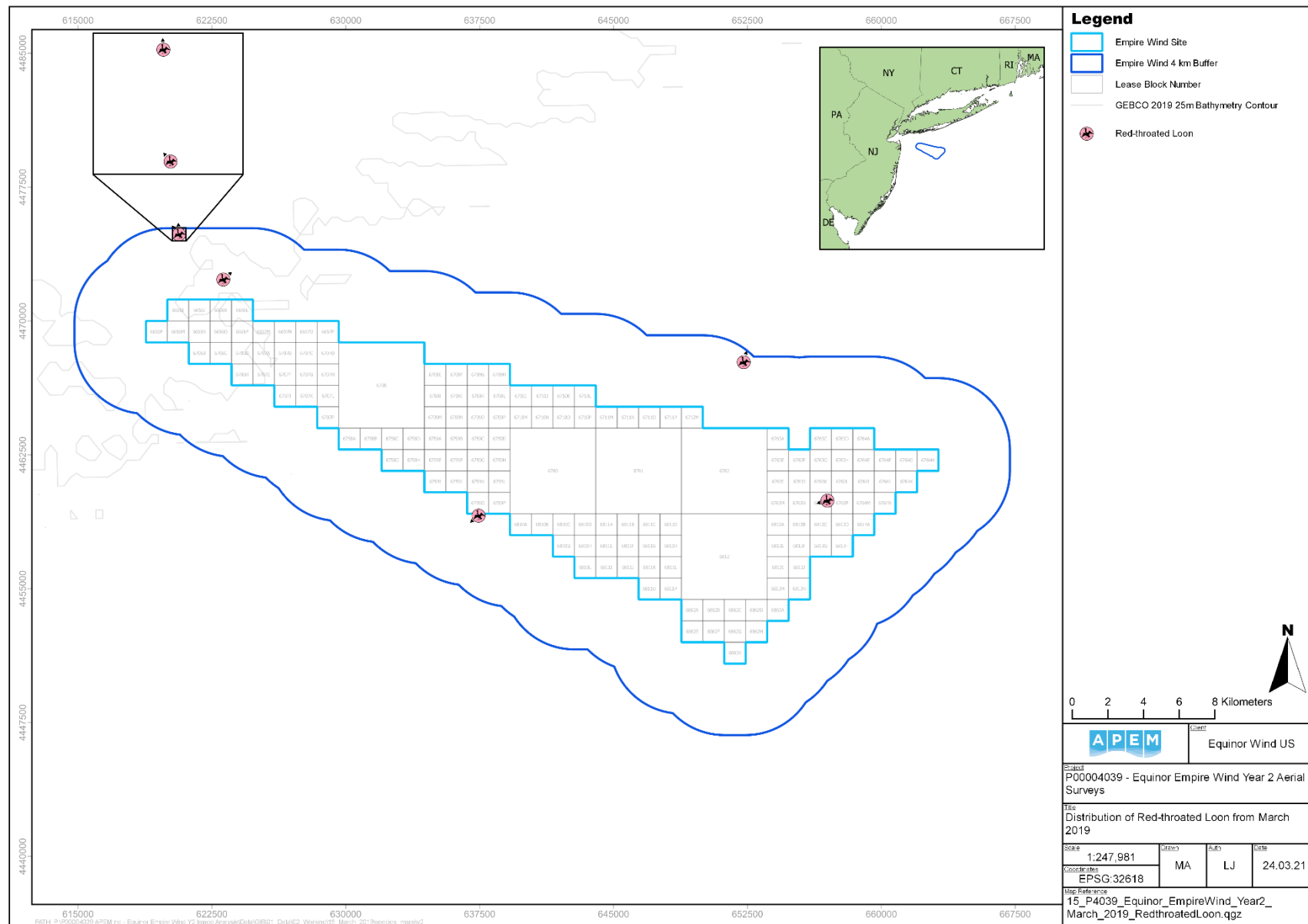


Figure 135 Distribution of red-throated loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

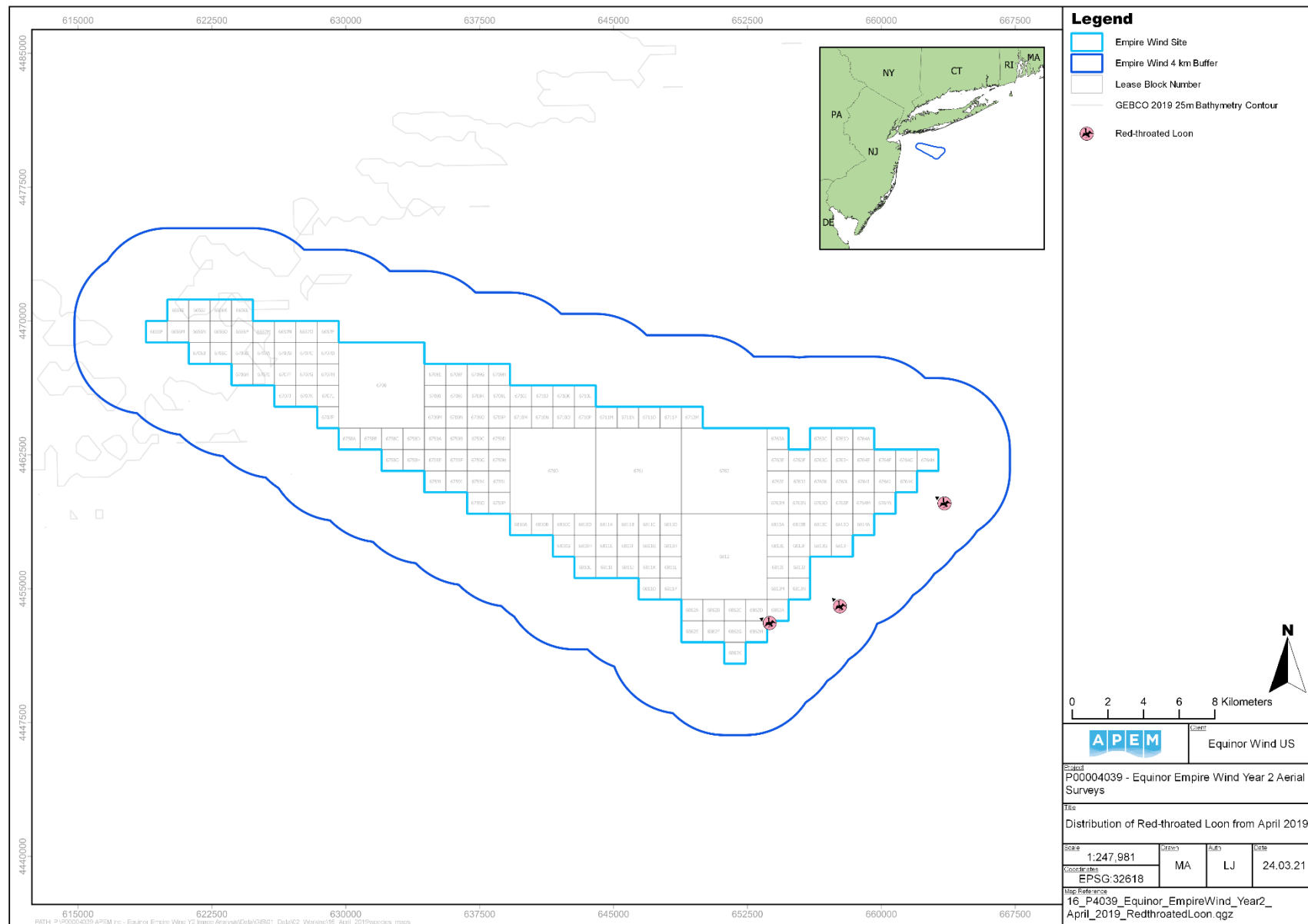


Figure 136

Distribution of red-throated loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

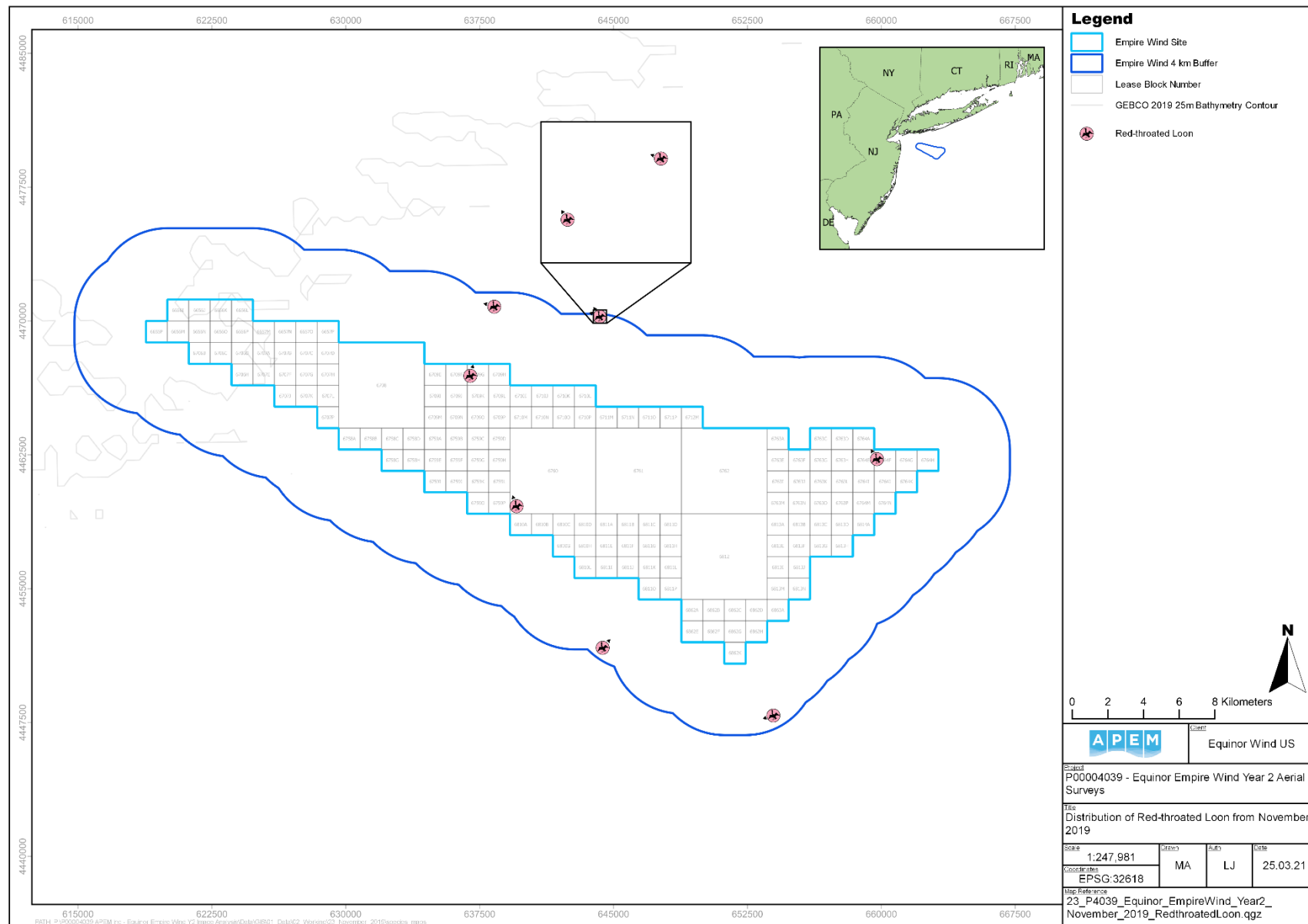


Figure 137

Distribution of red-throated loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

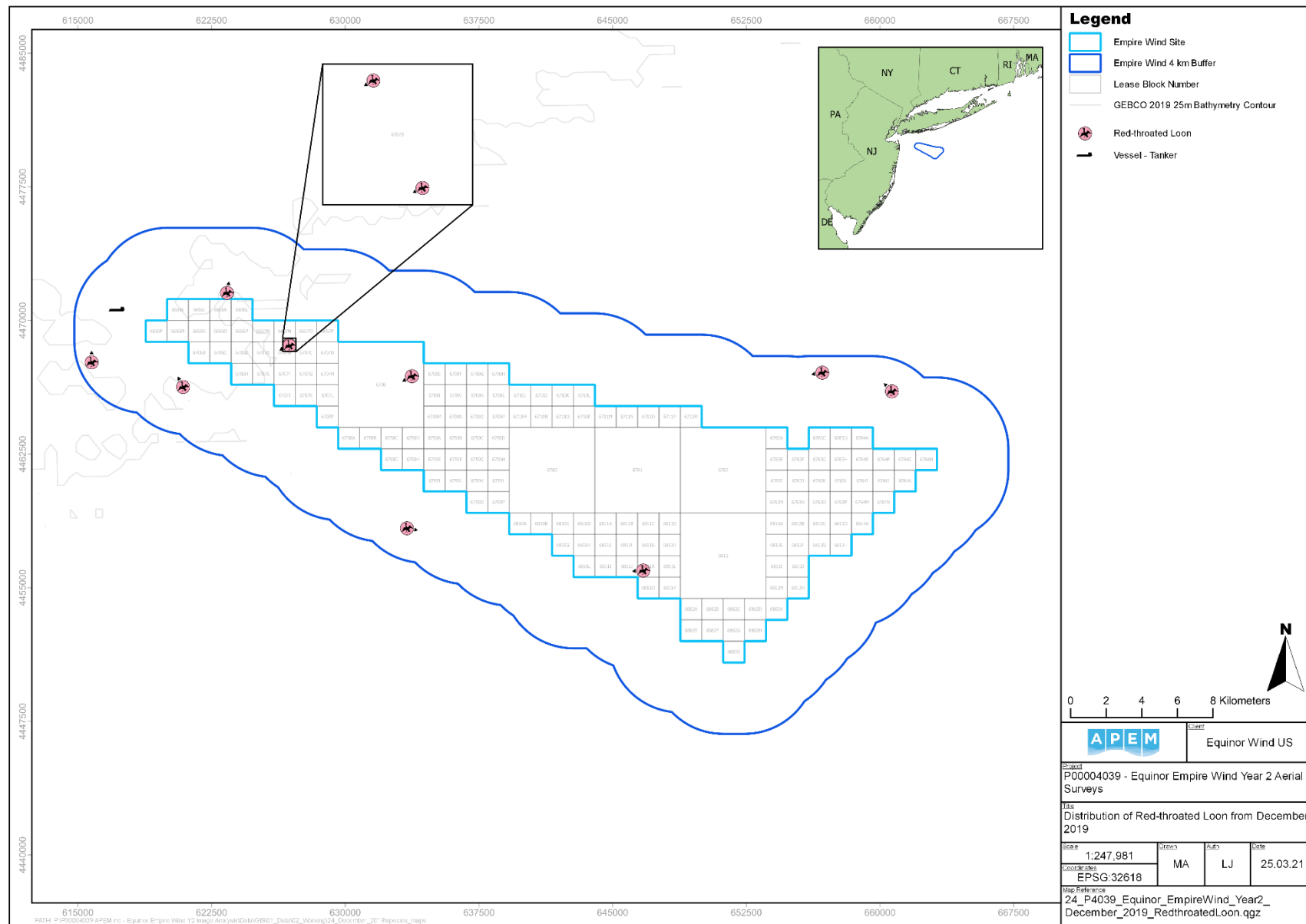


Figure 138

Distribution of red-throated loon recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

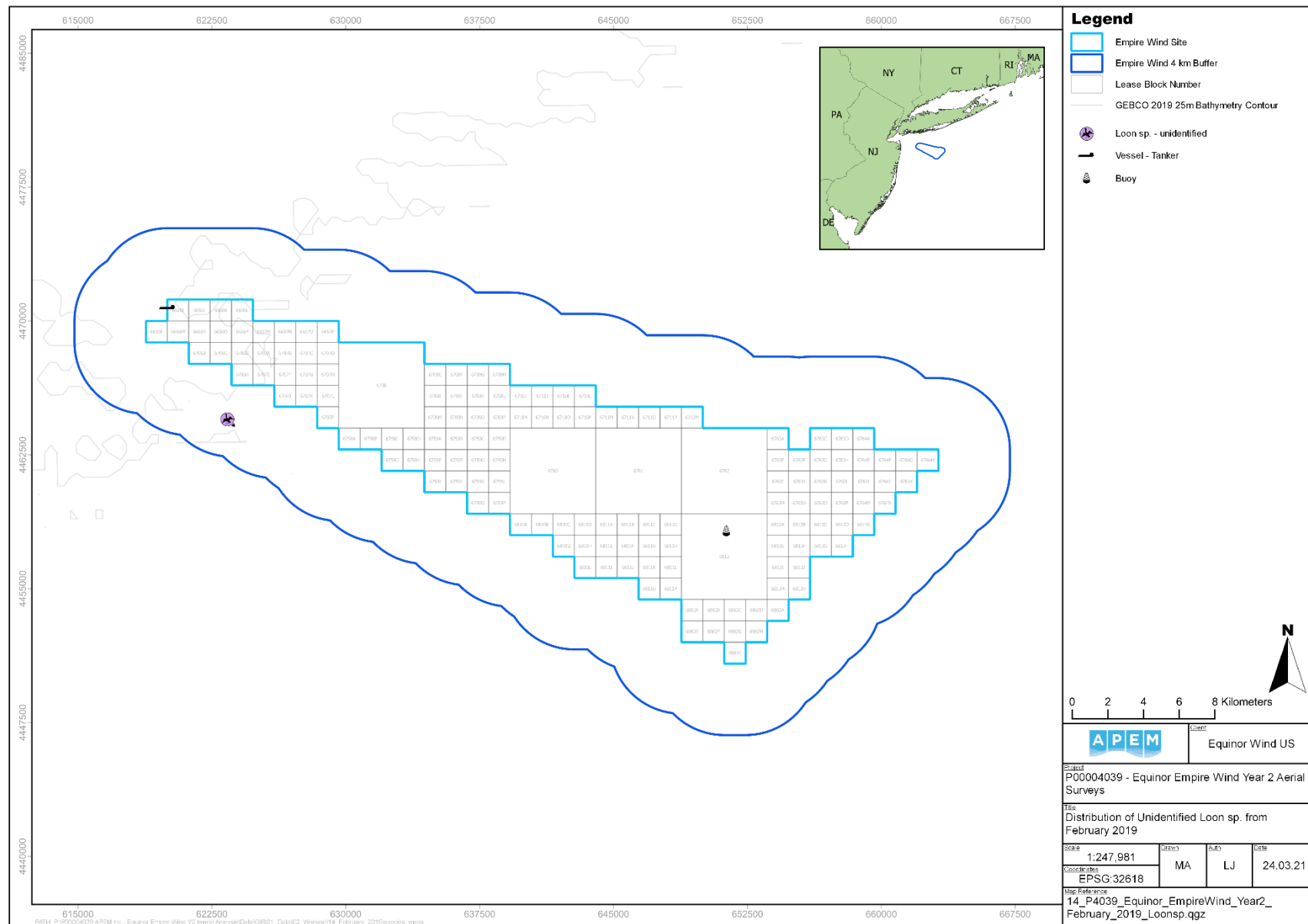


Figure 139 Distribution of unidentified loon species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

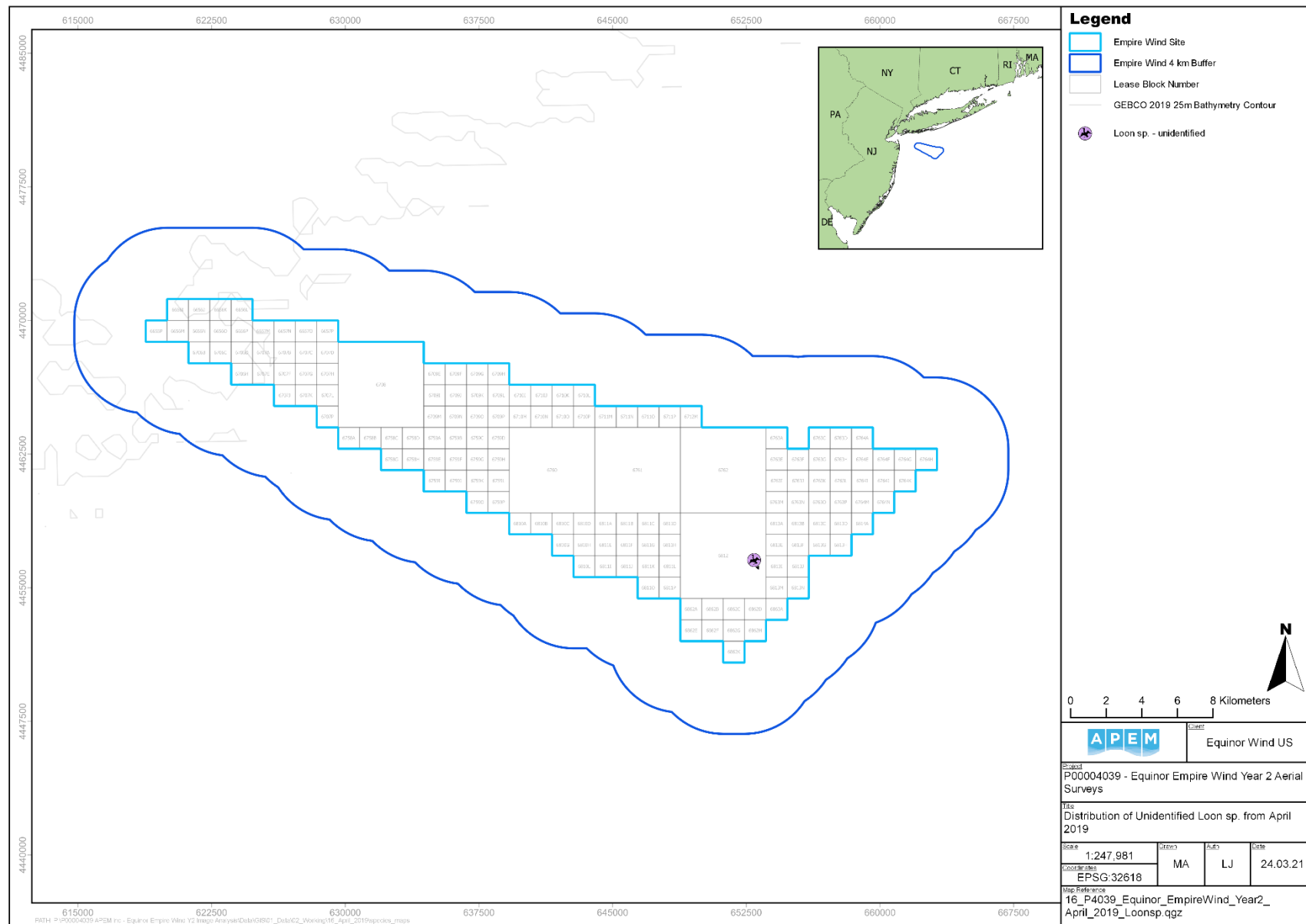


Figure 140 Distribution of unidentified loon species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

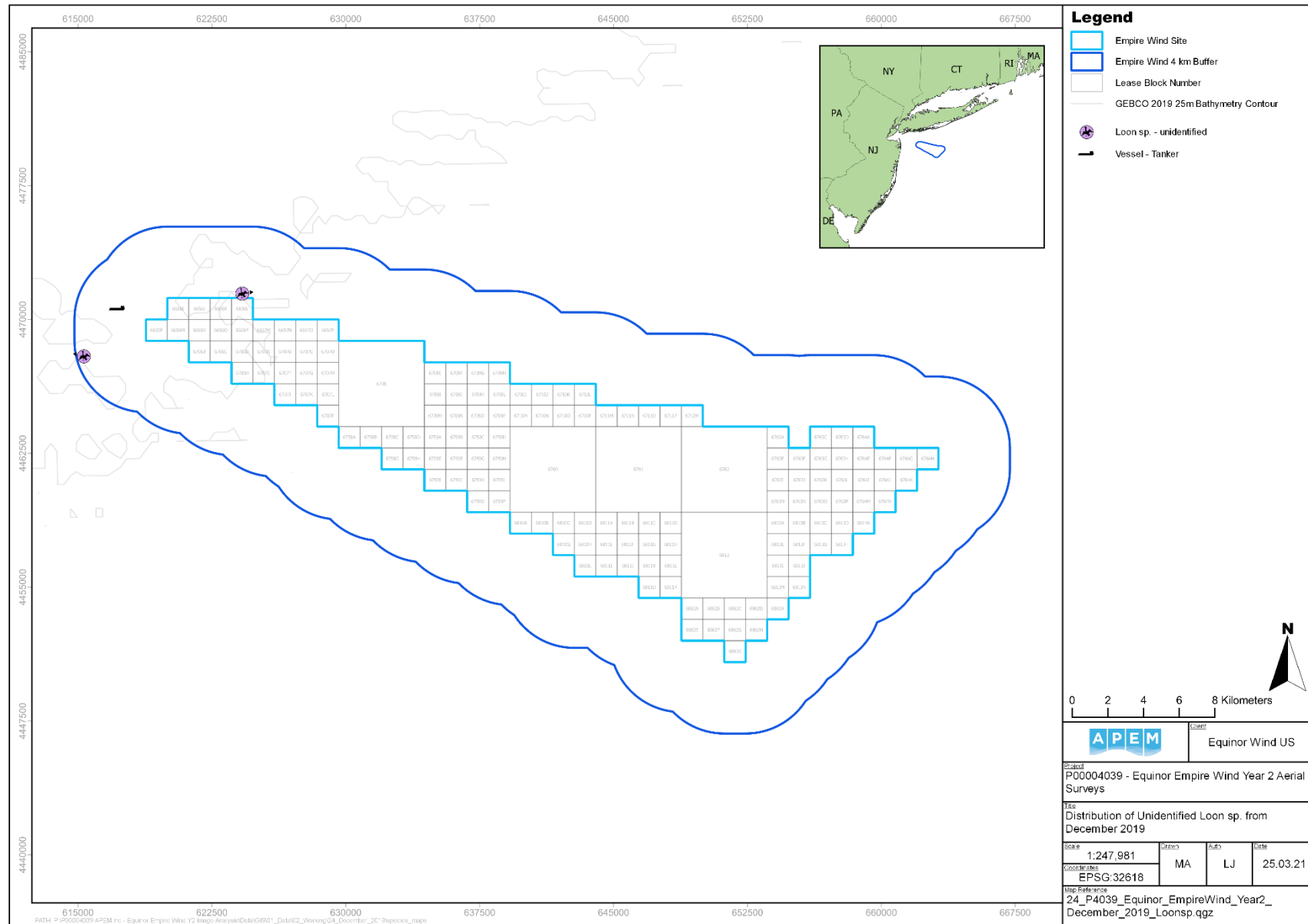


Figure 141 Distribution of unidentified loon species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

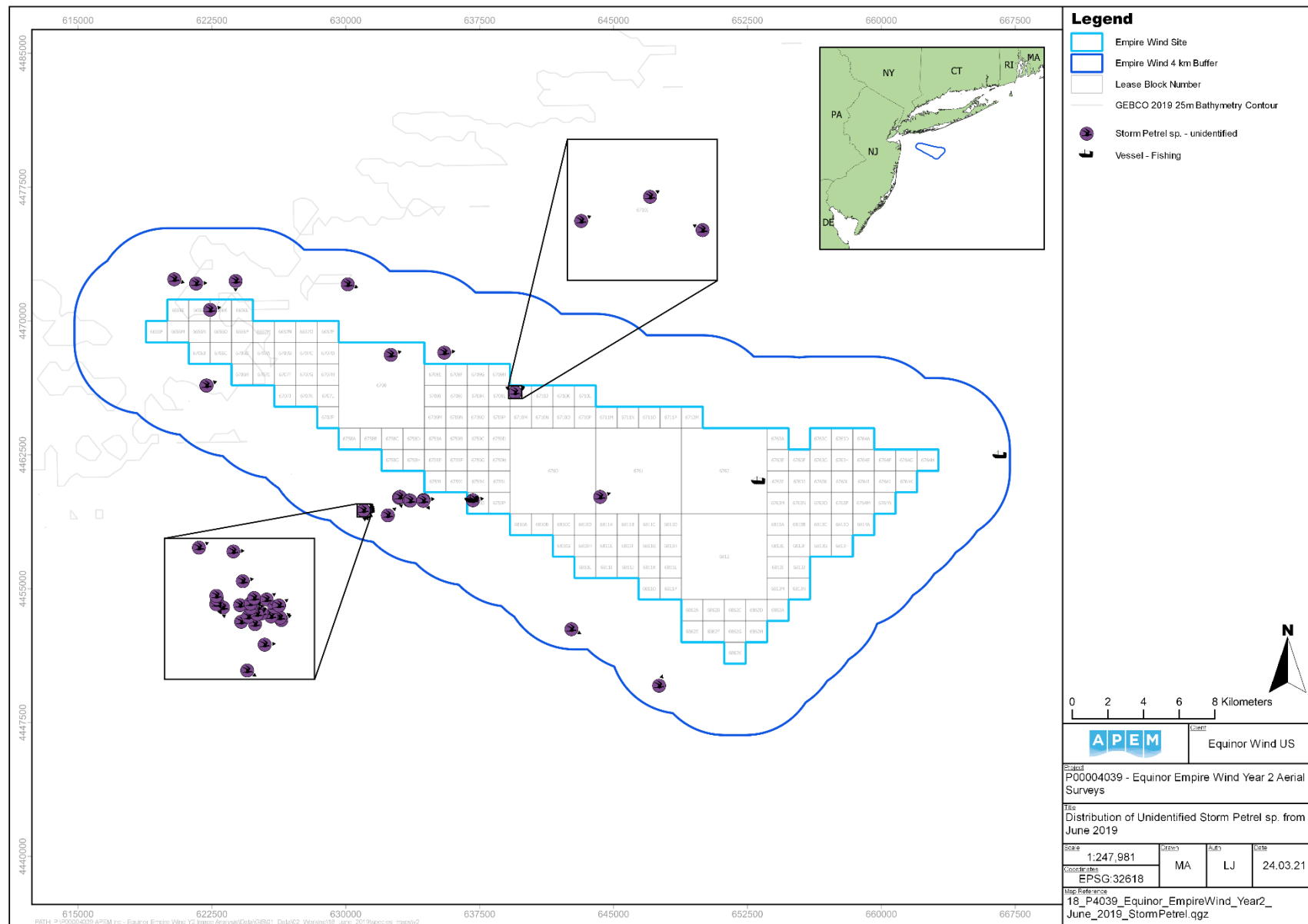


Figure 142 Distribution of unidentified storm petrel species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

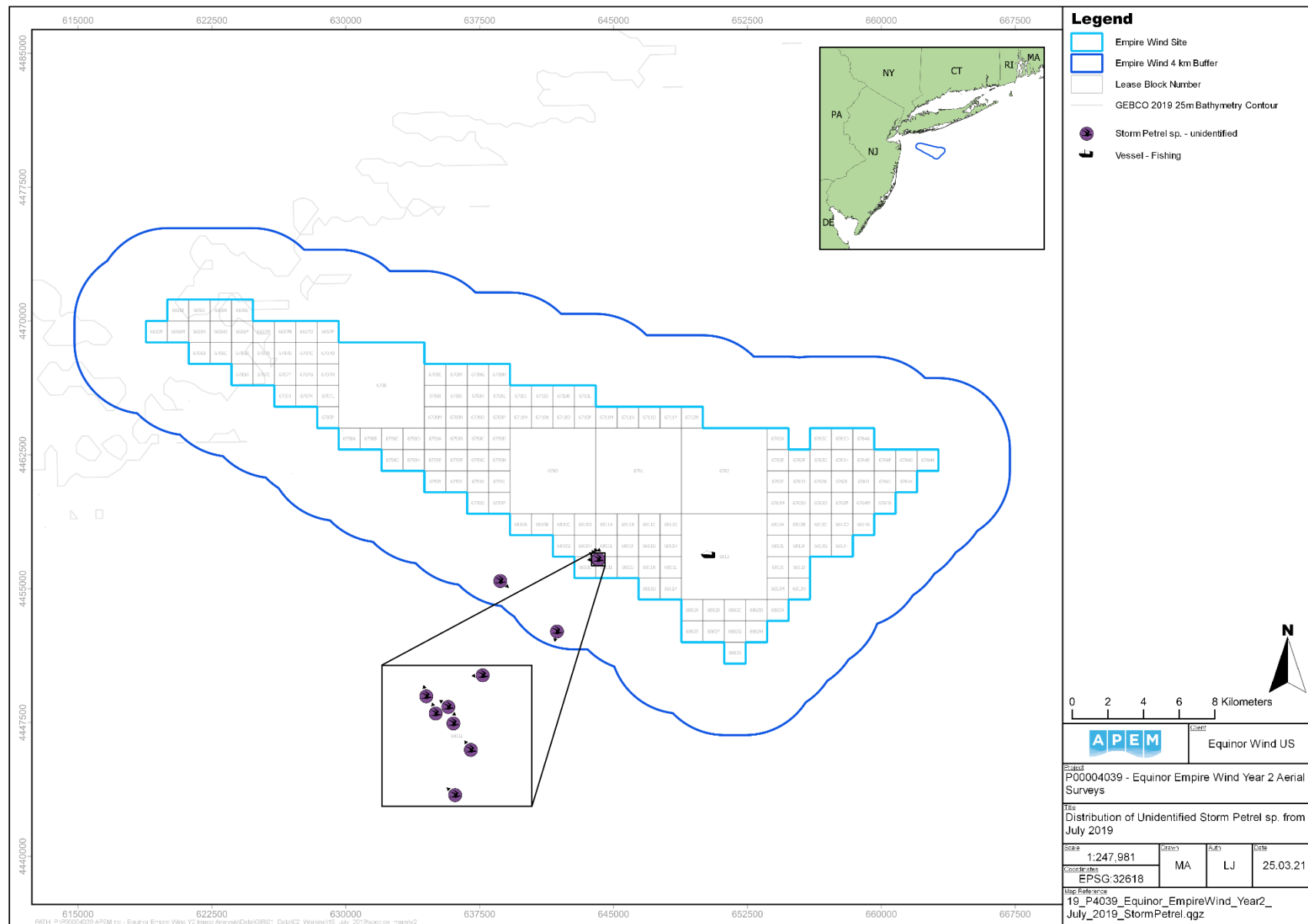


Figure 143 Distribution of unidentified storm petrel species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

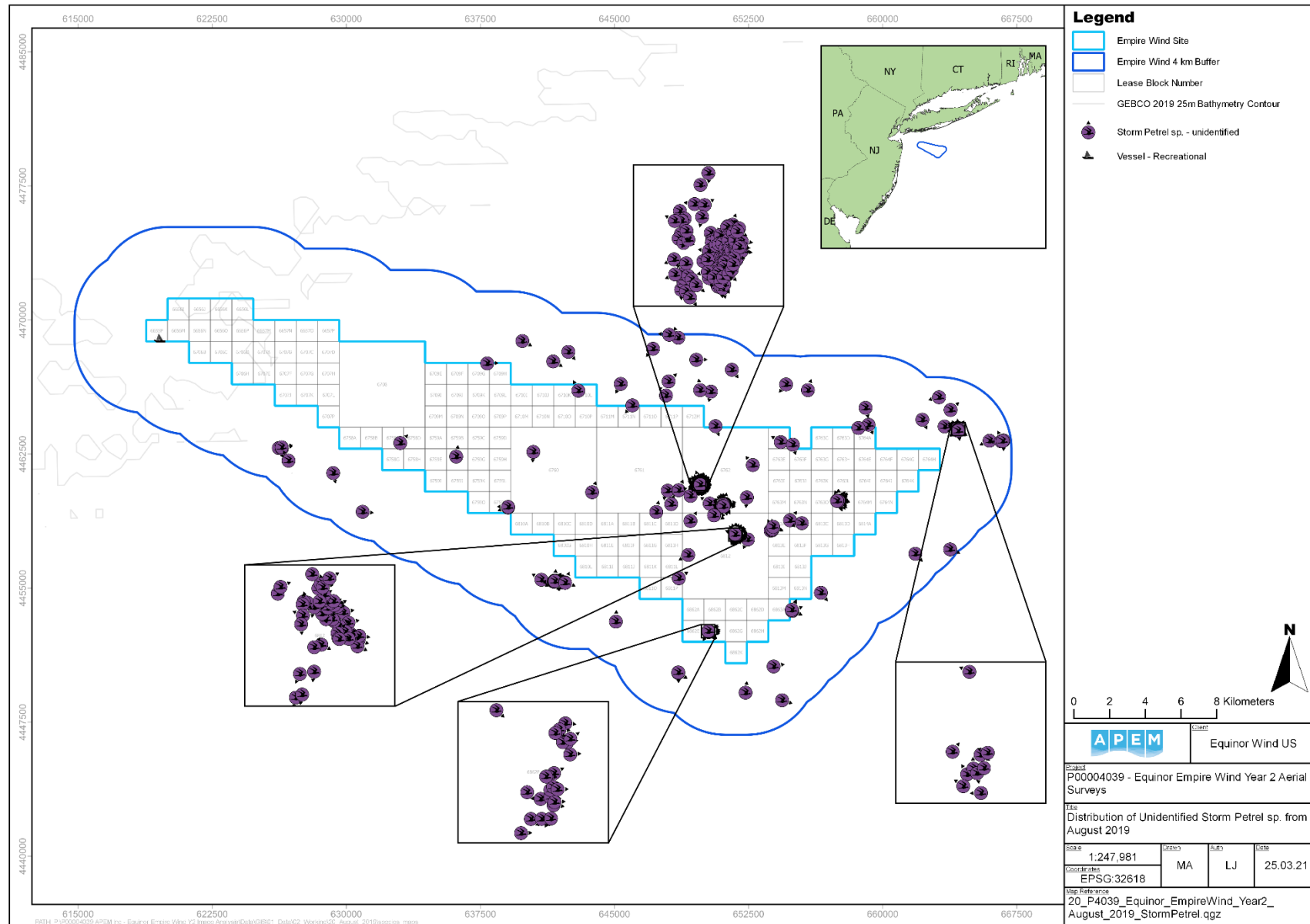


Figure 144 Distribution of unidentified storm petrel species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

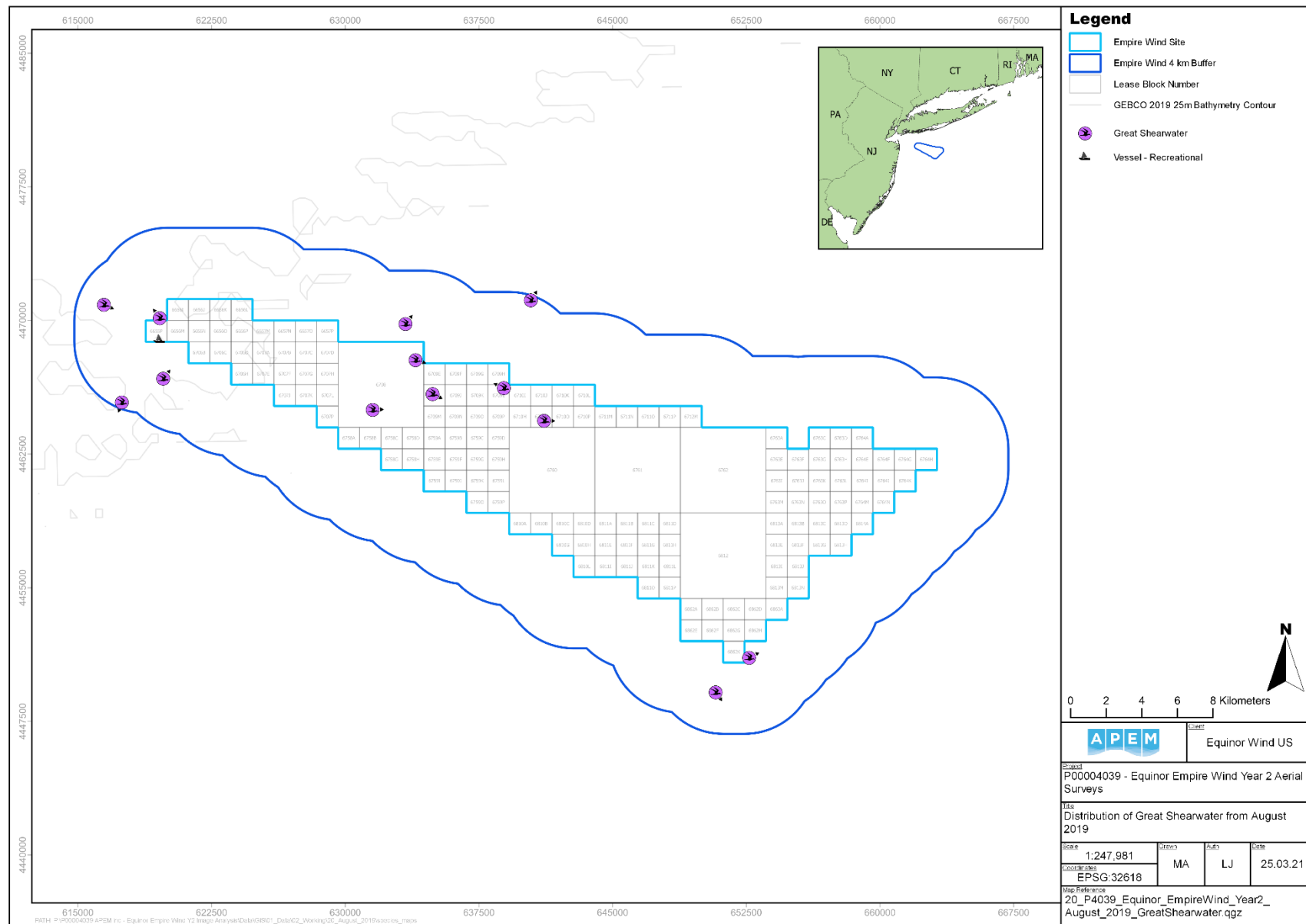


Figure 145 Distribution of great shearwater recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

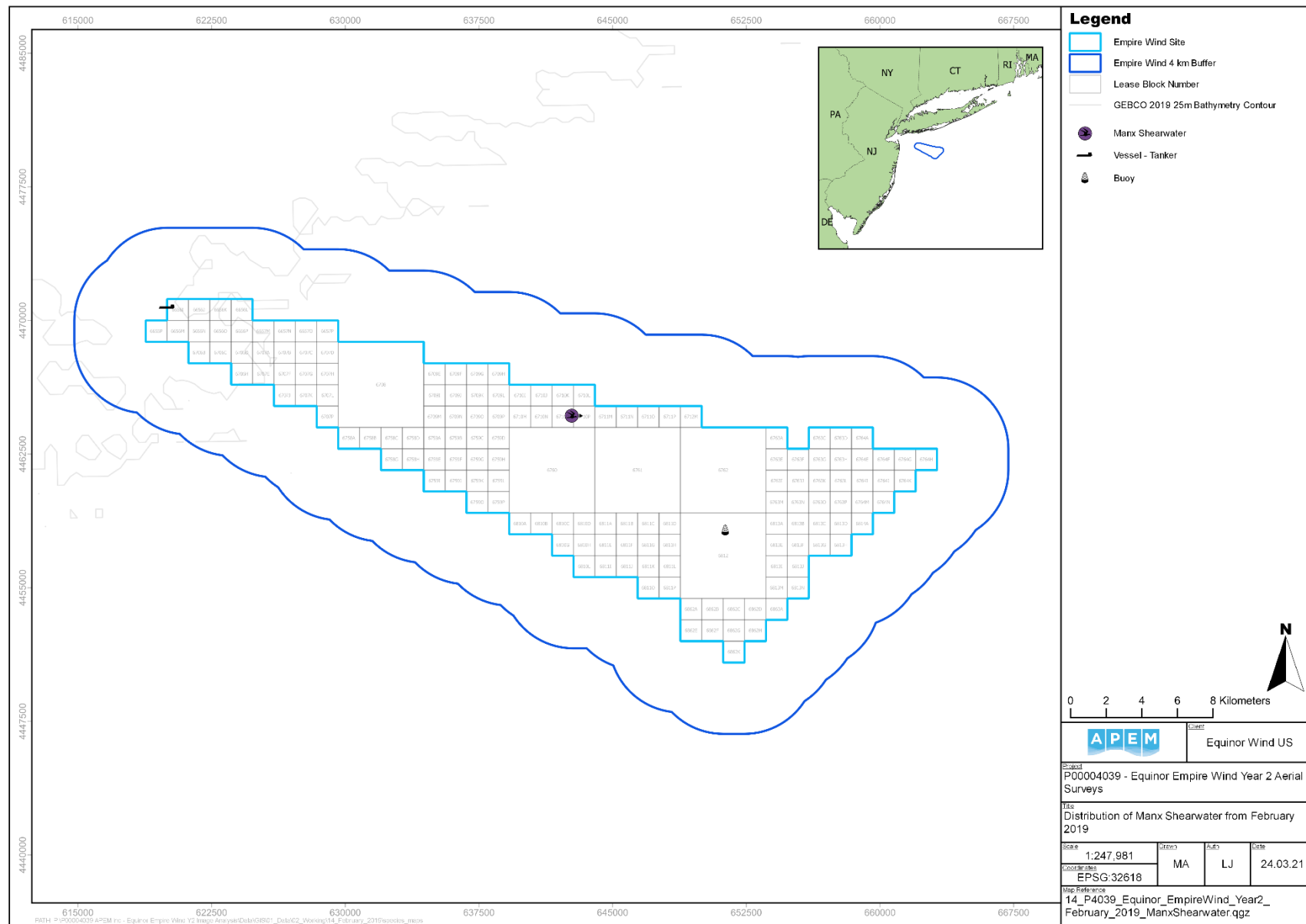


Figure 146

Distribution of Manx shearwater recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

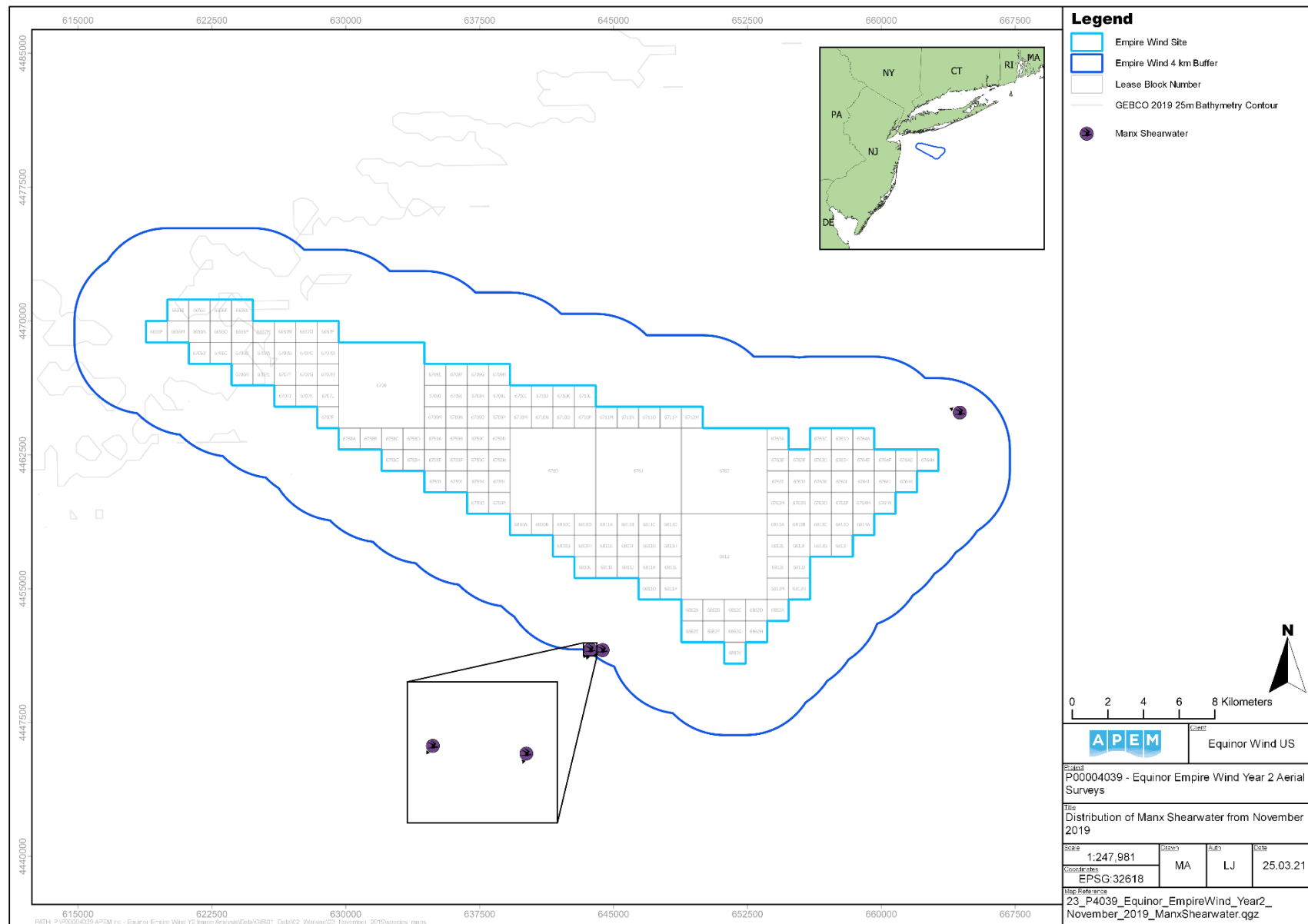


Figure 147 Distribution of Manx shearwater recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

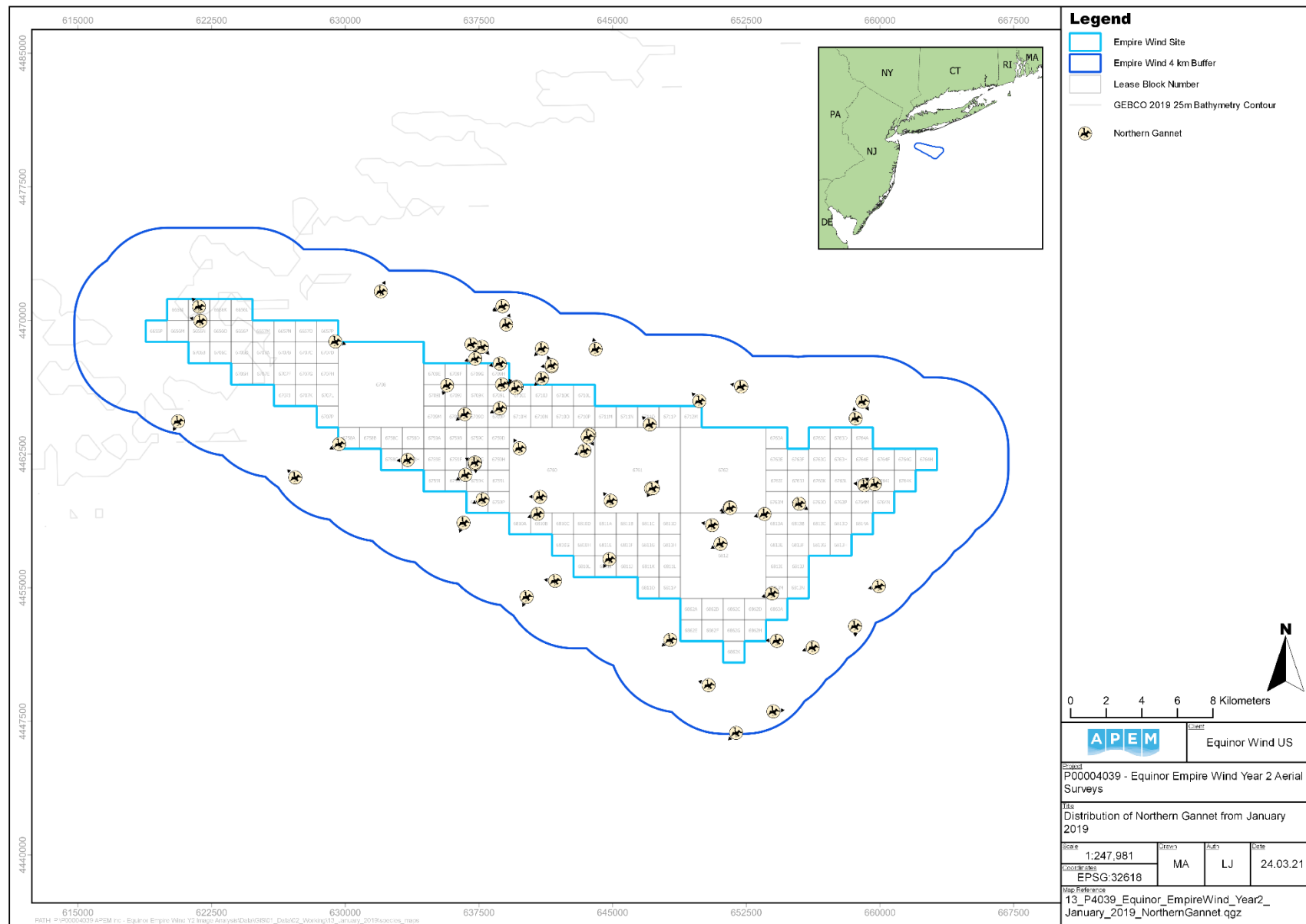


Figure 148 Distribution of northern gannet recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 13

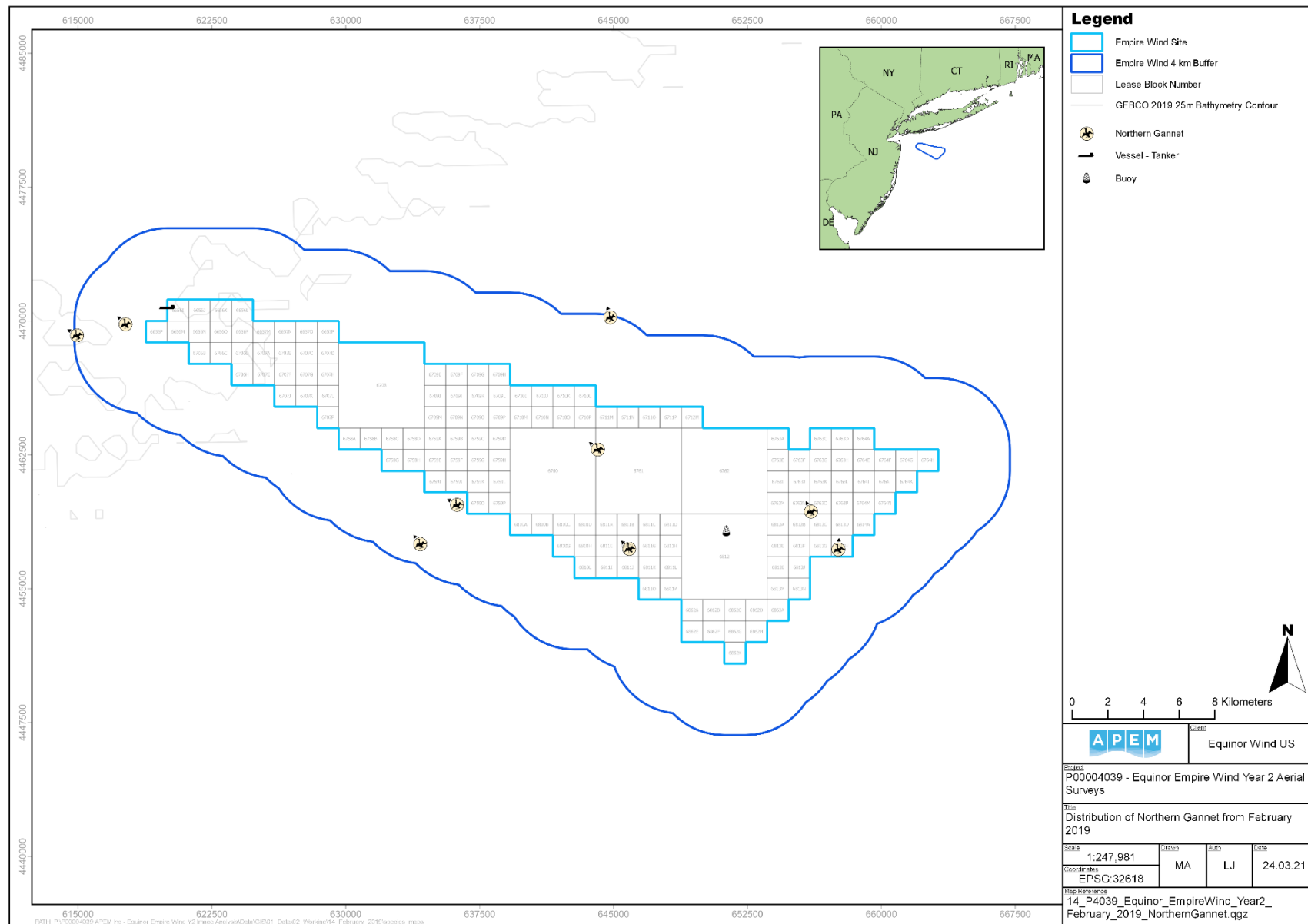


Figure 149 Distribution of northern gannet recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

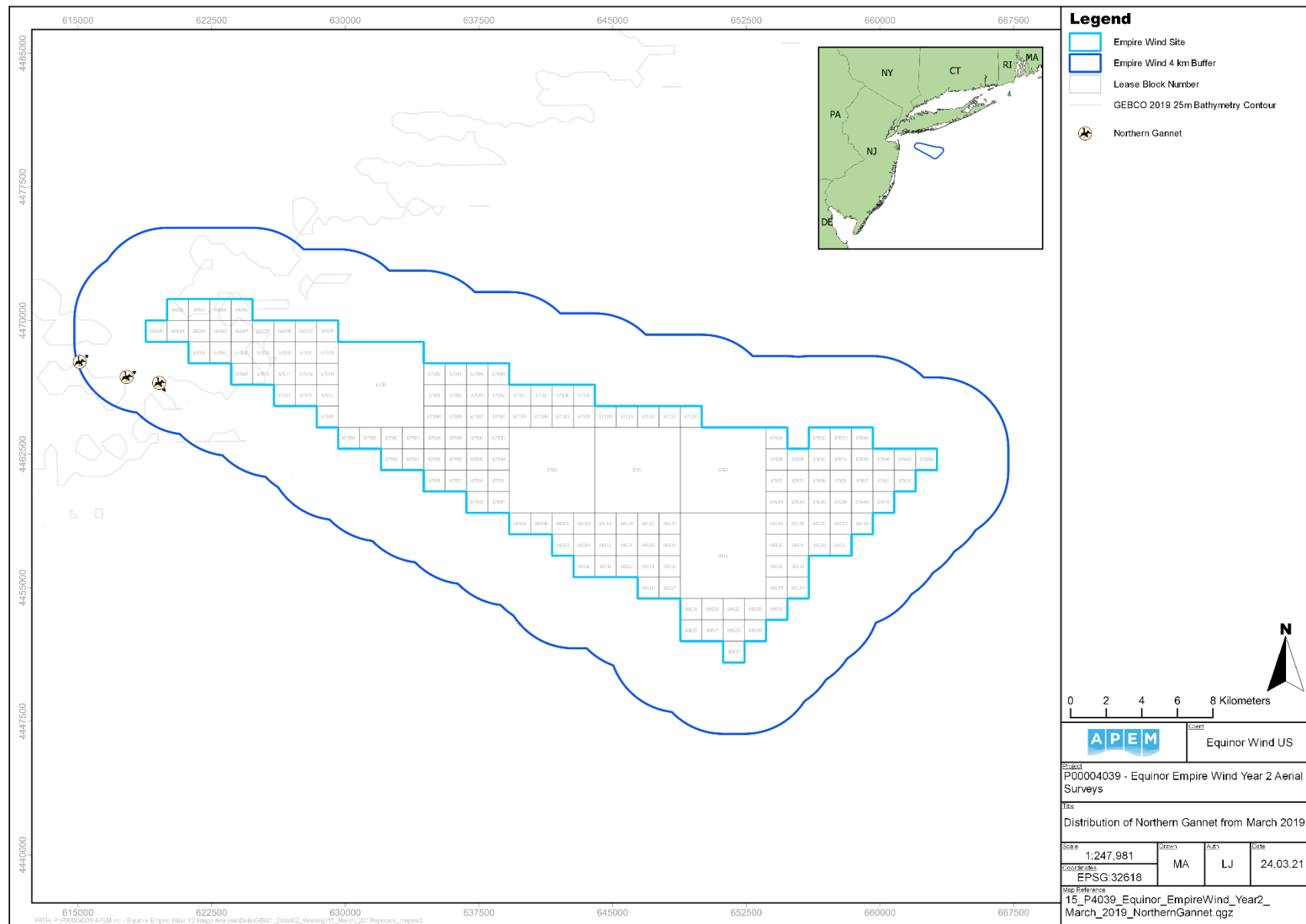


Figure 150

Distribution of northern gannet recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

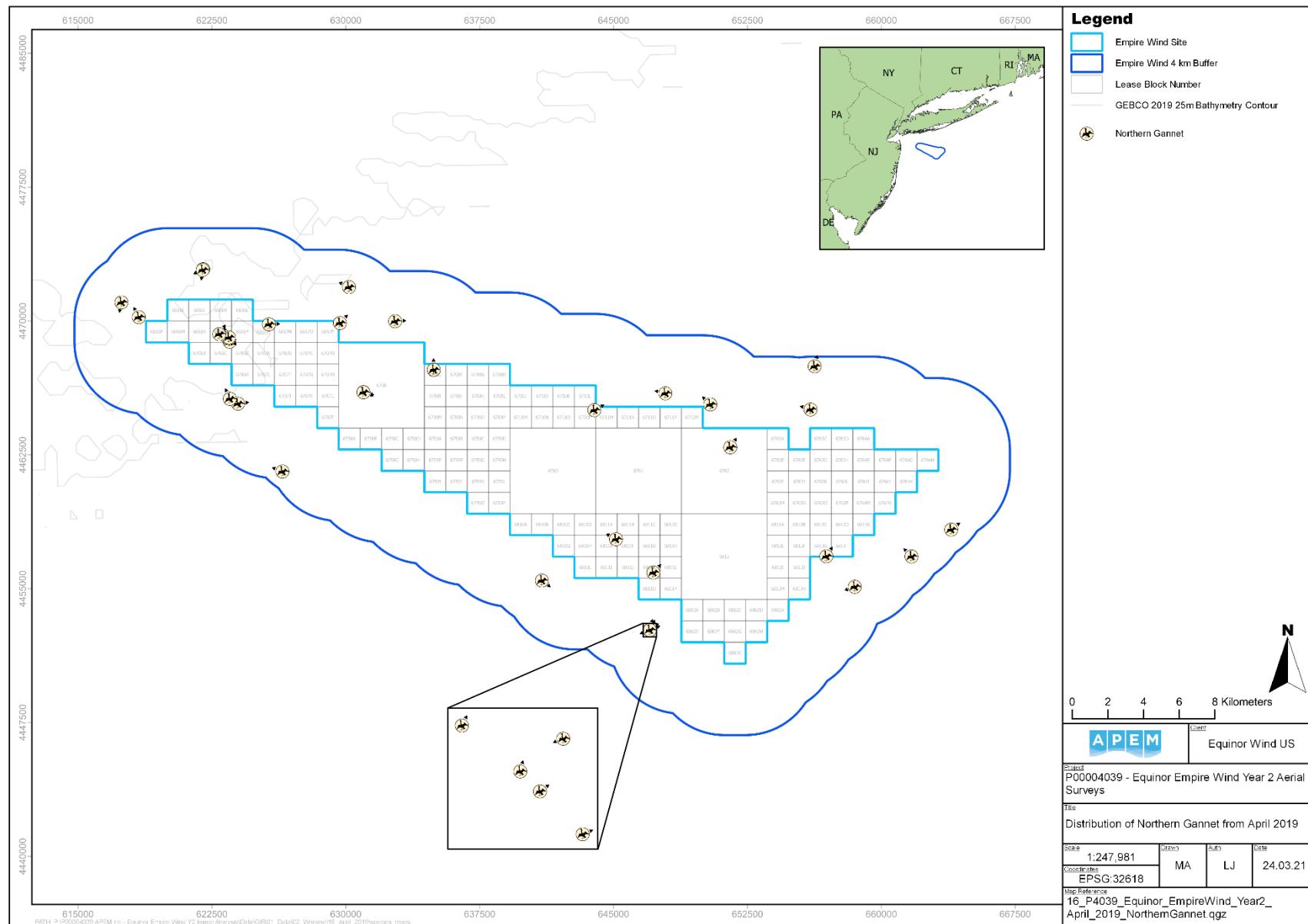


Figure 151 Distribution of northern gannet recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

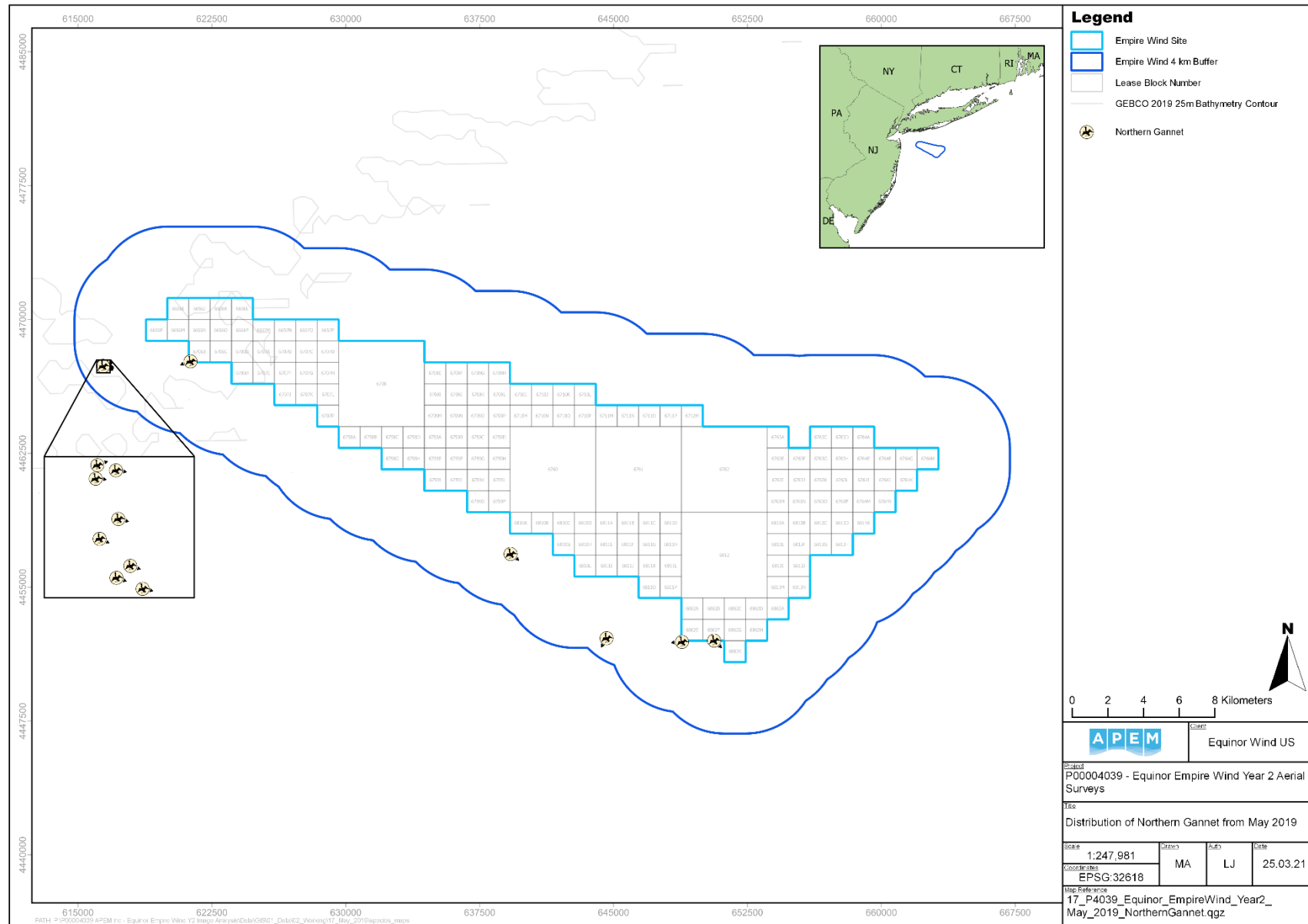


Figure 152 Distribution of northern gannet recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

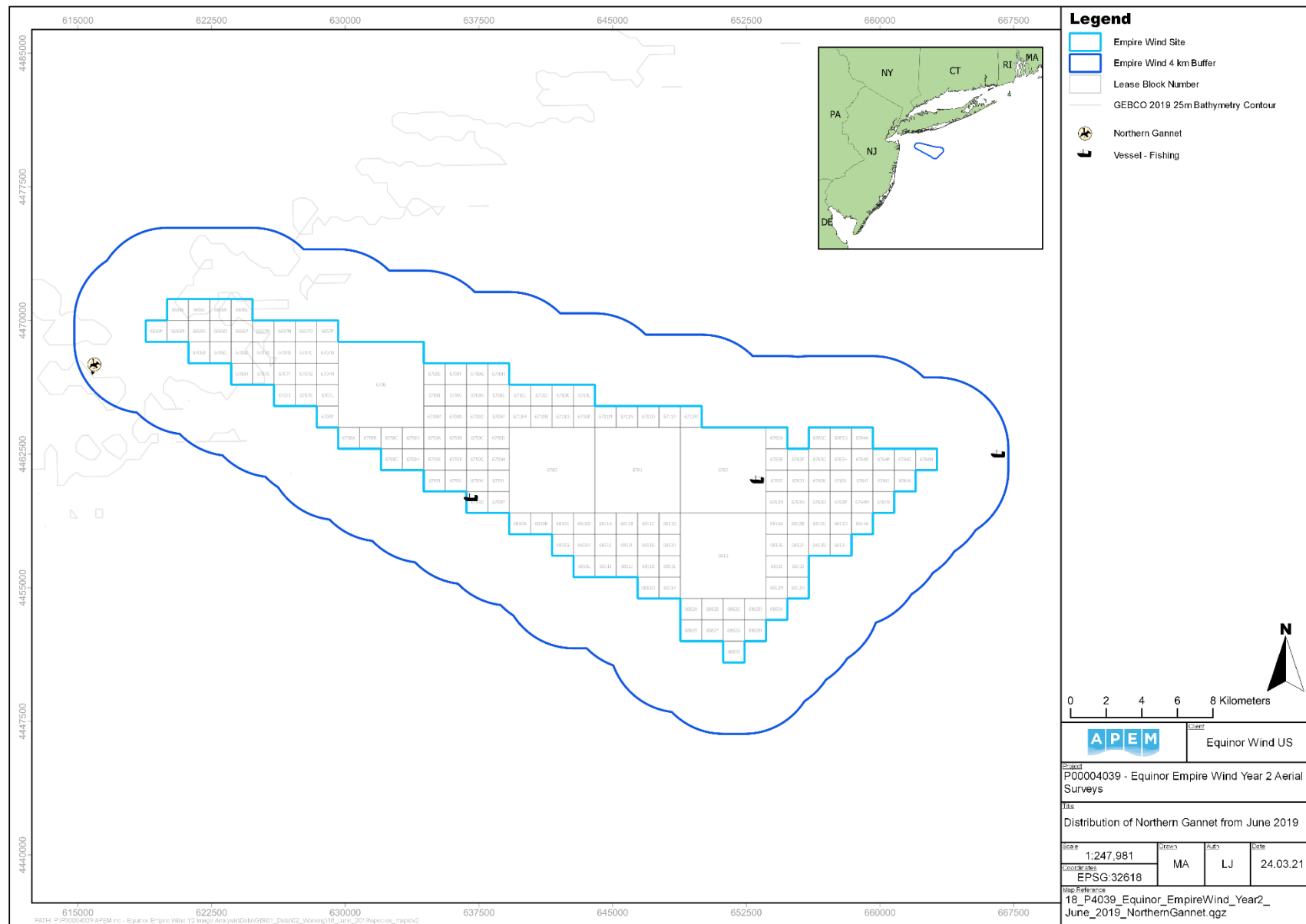


Figure 153 Distribution of northern gannet recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

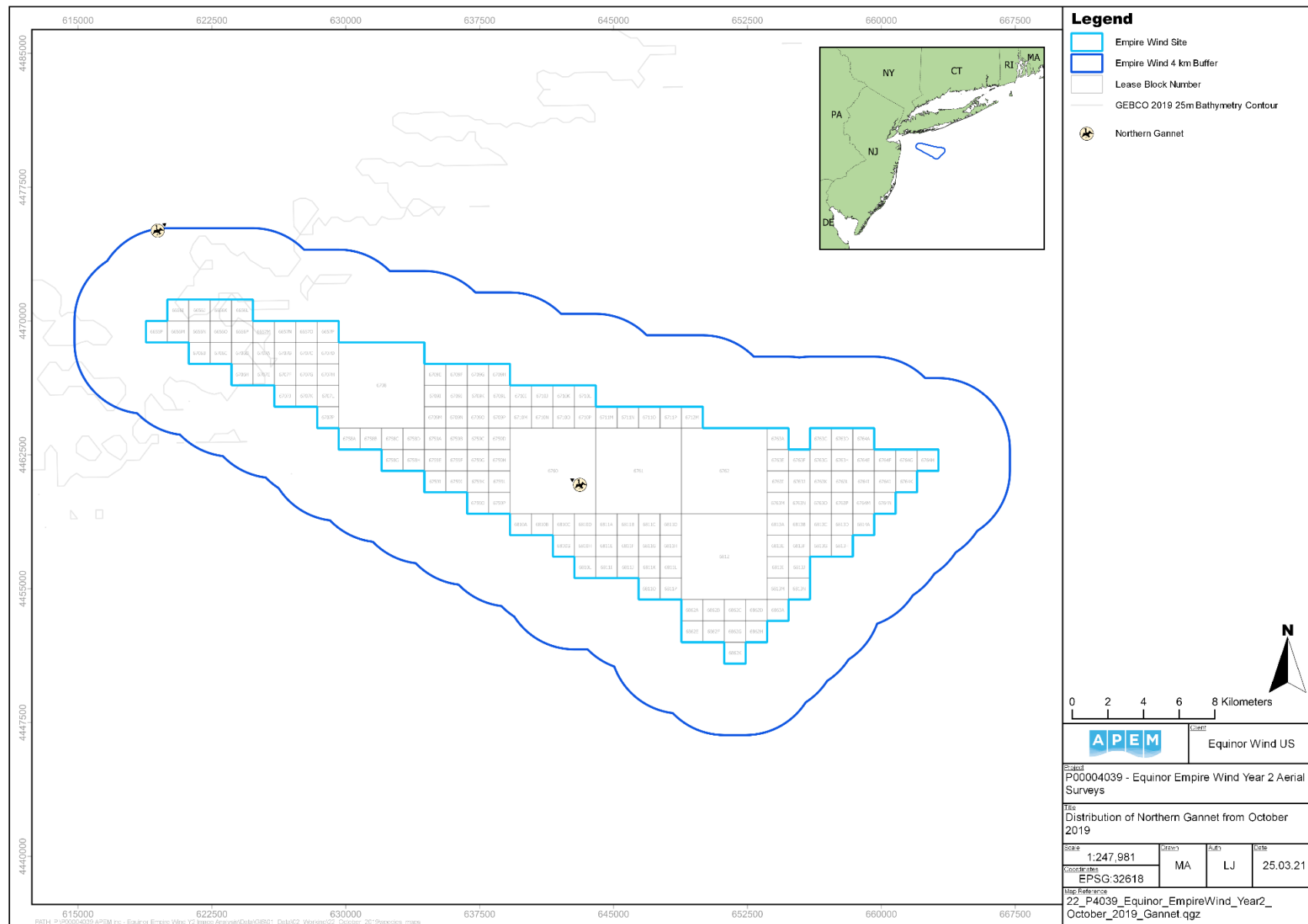


Figure 154 Distribution of northern gannet recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

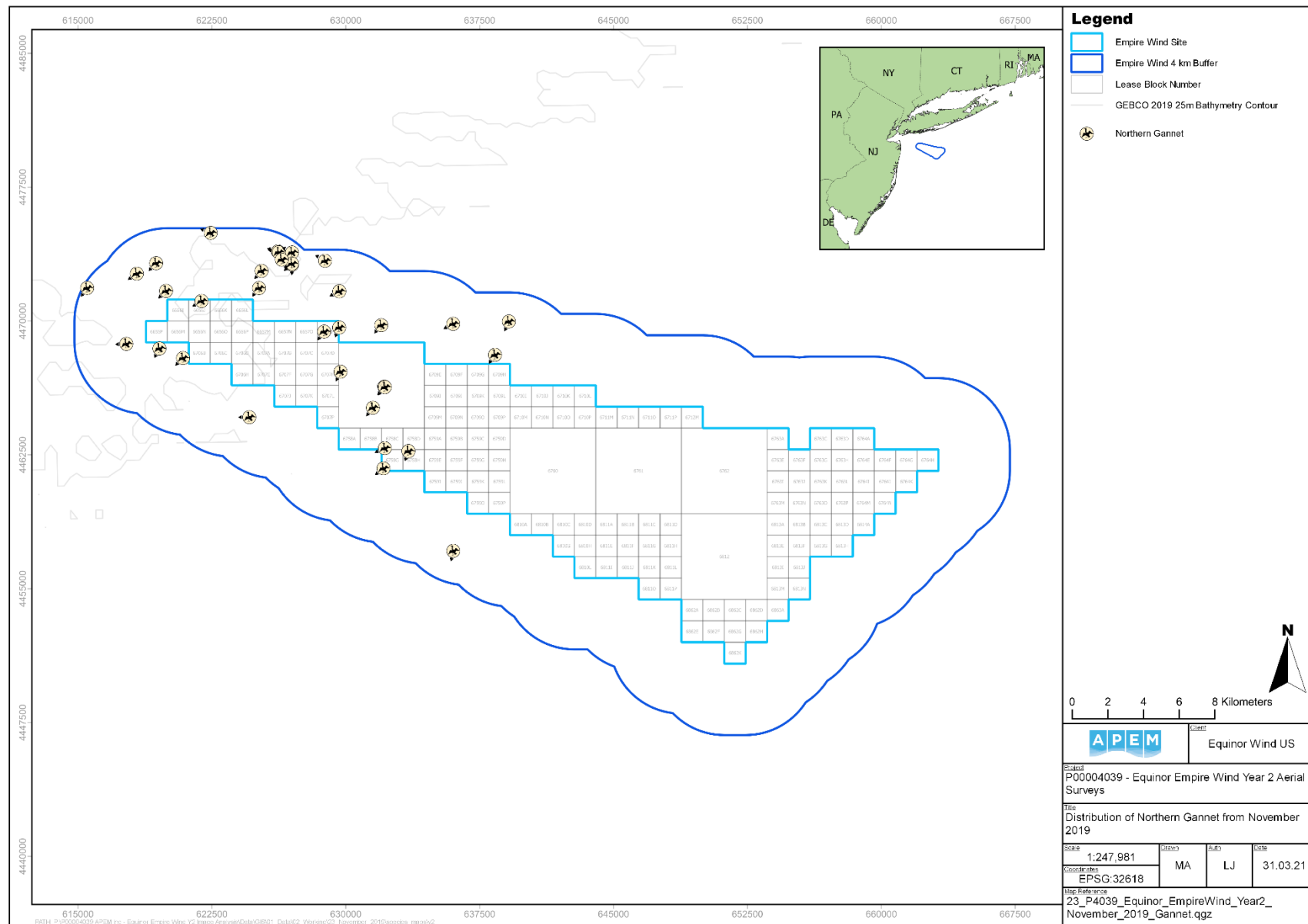


Figure 155 Distribution of northern gannet recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

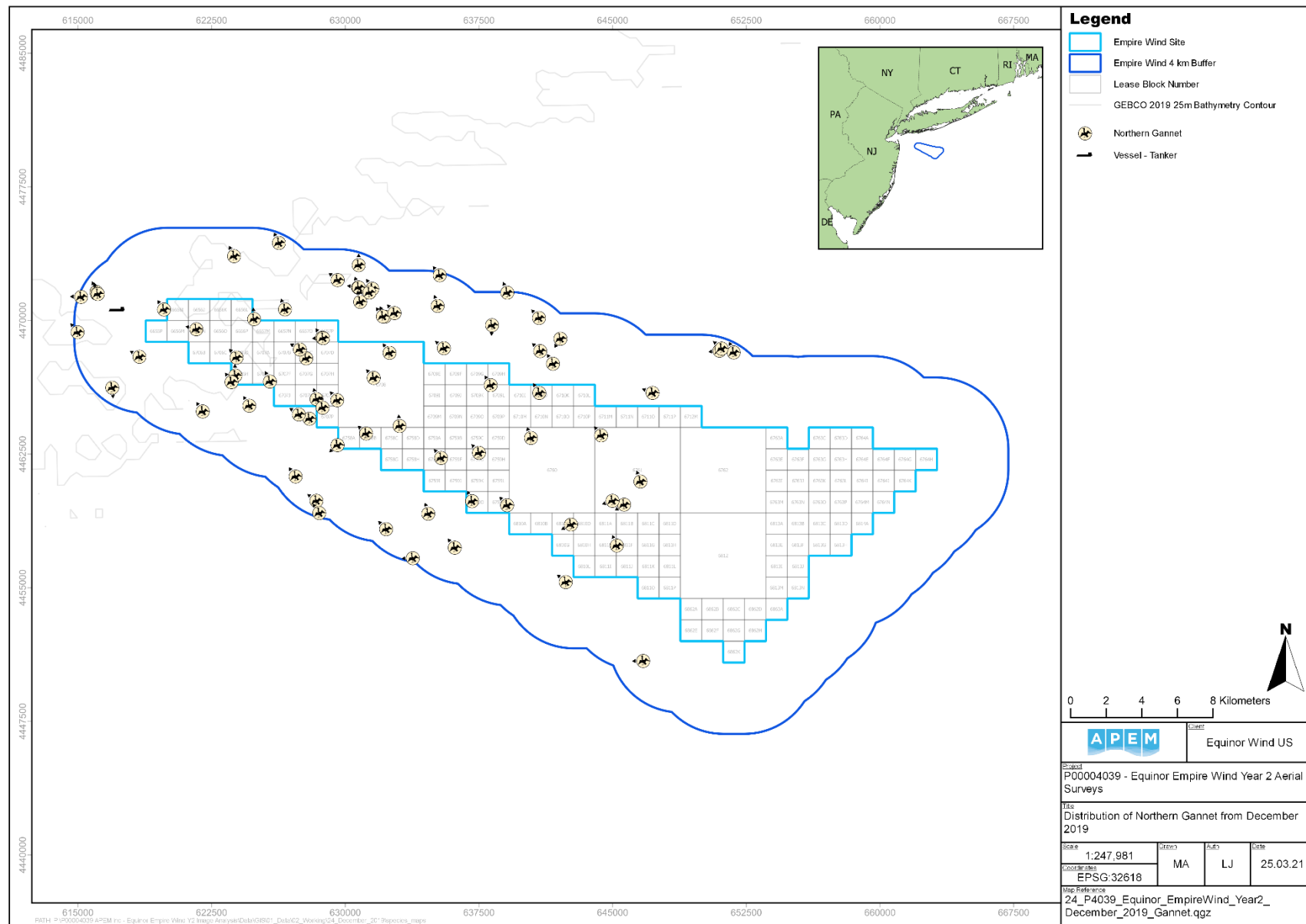


Figure 156

Distribution of northern gannet recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

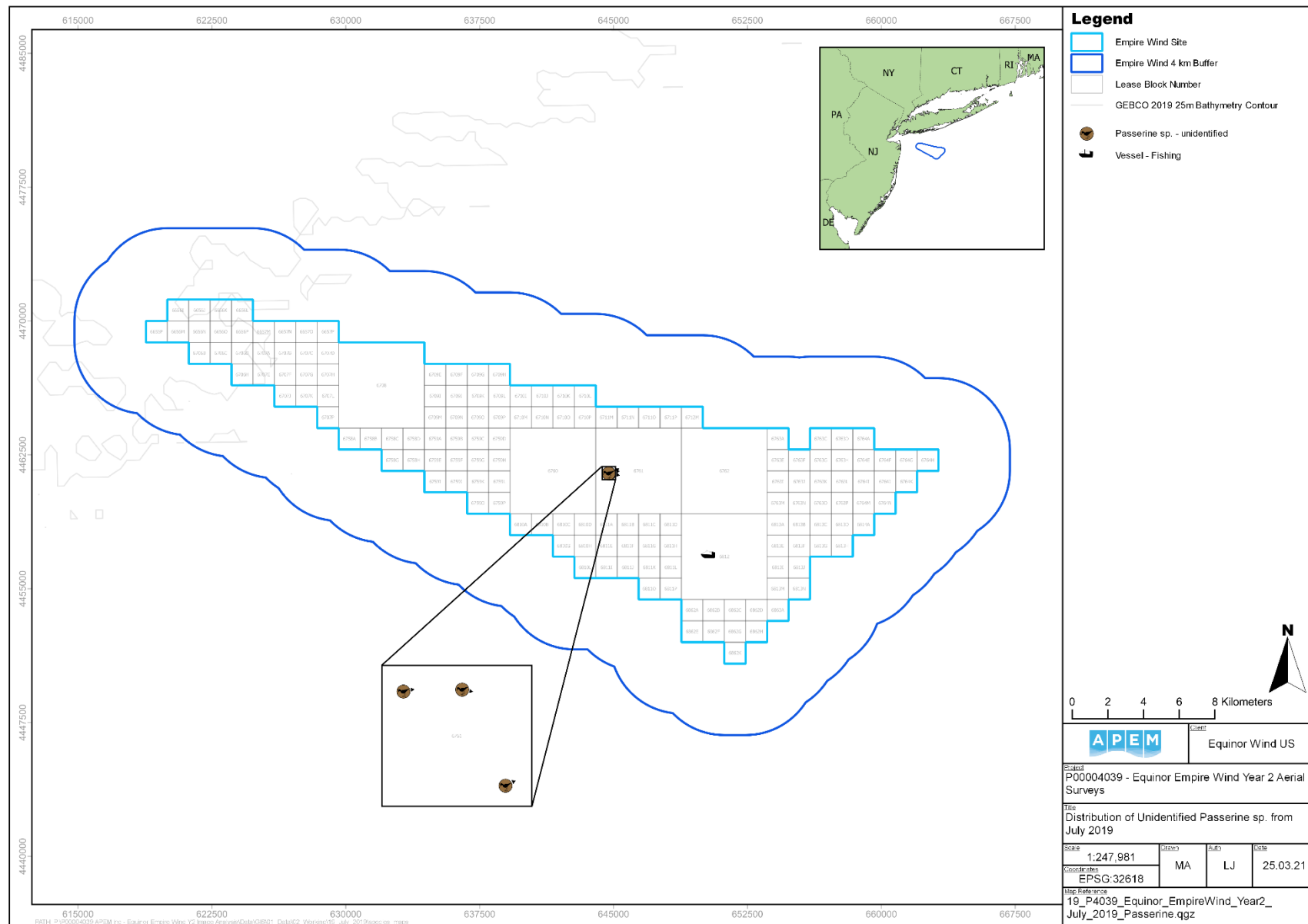


Figure 157 Distribution of unidentified passerine species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

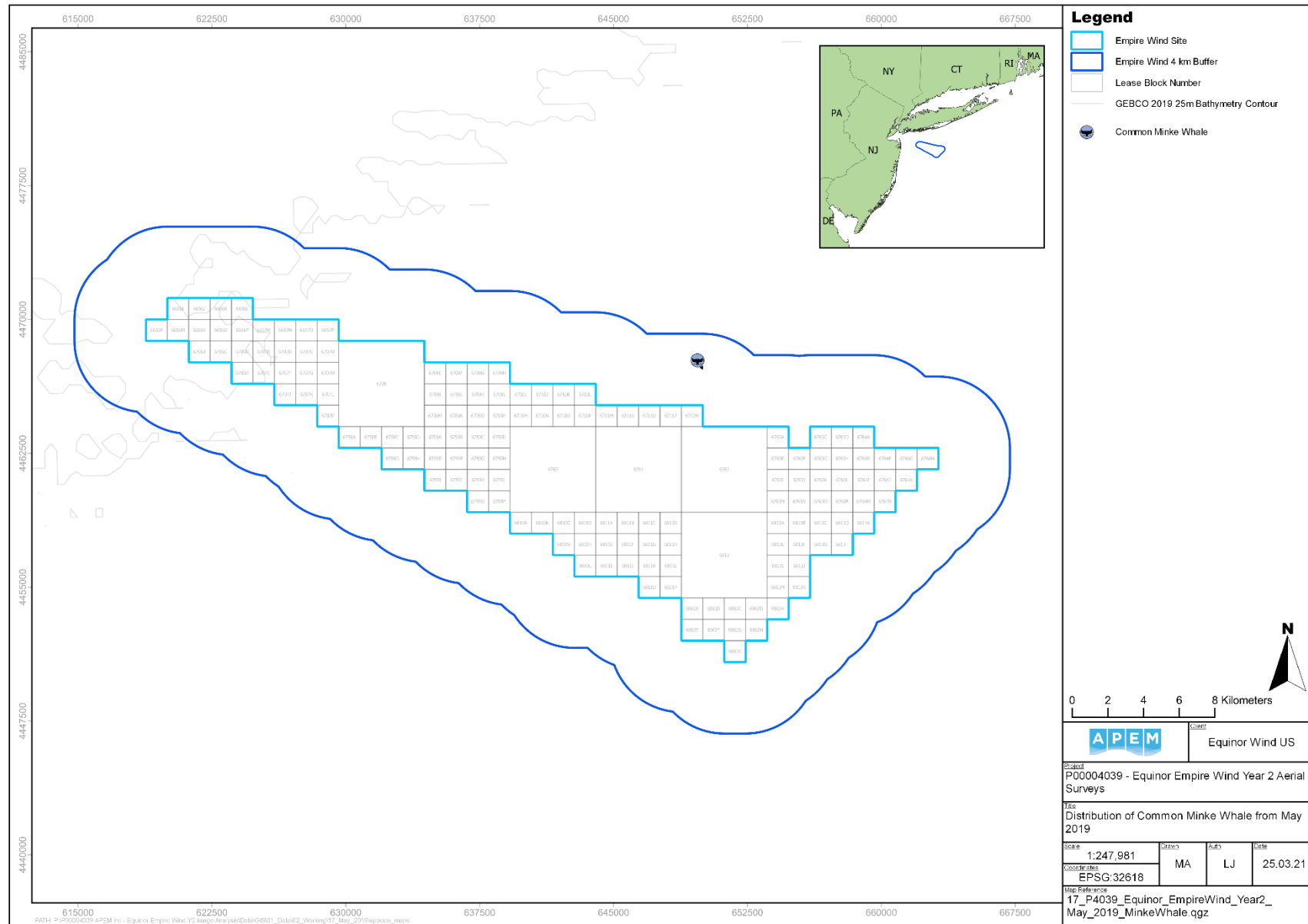
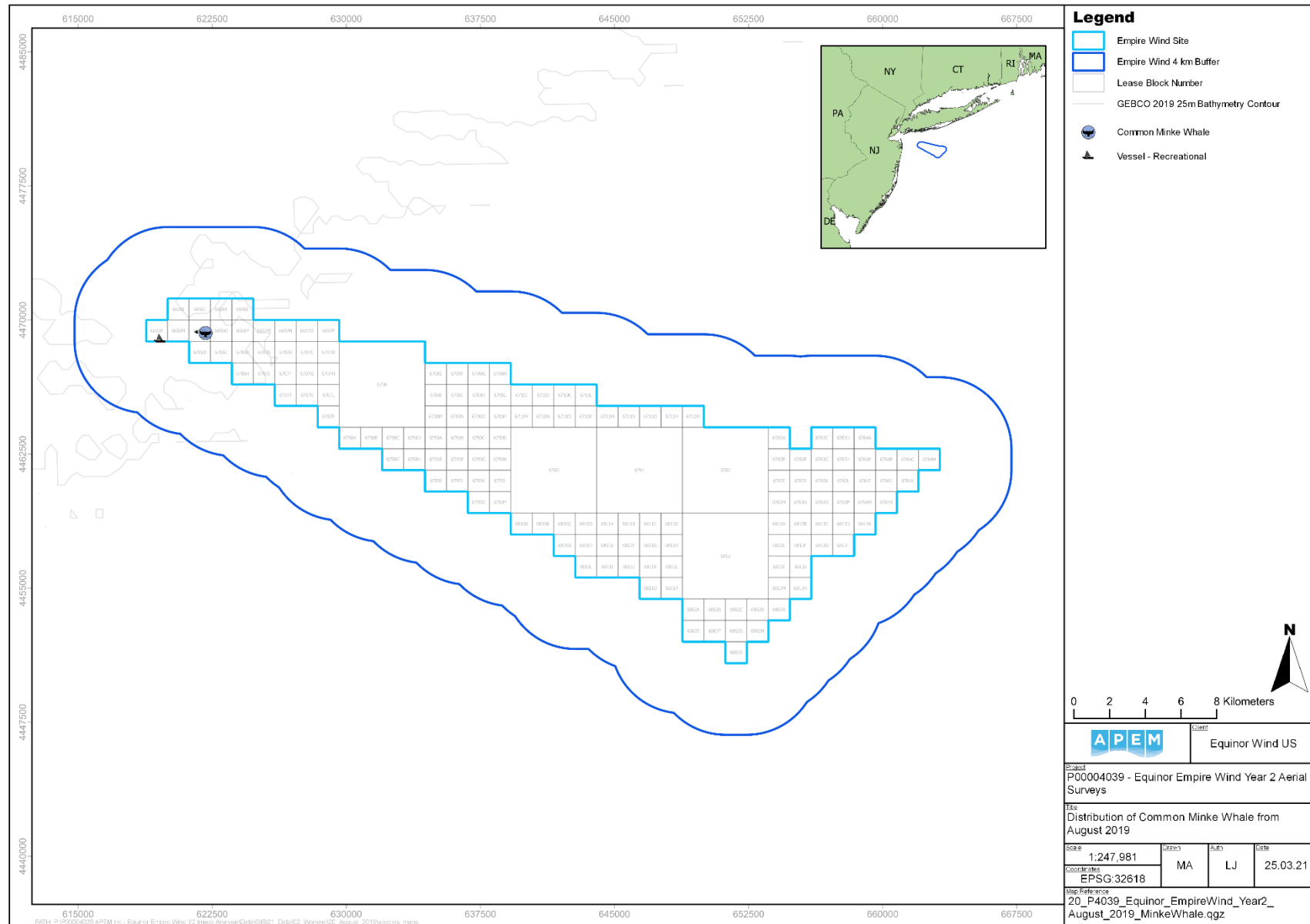


Figure 158 Distribution of common minke whale recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17



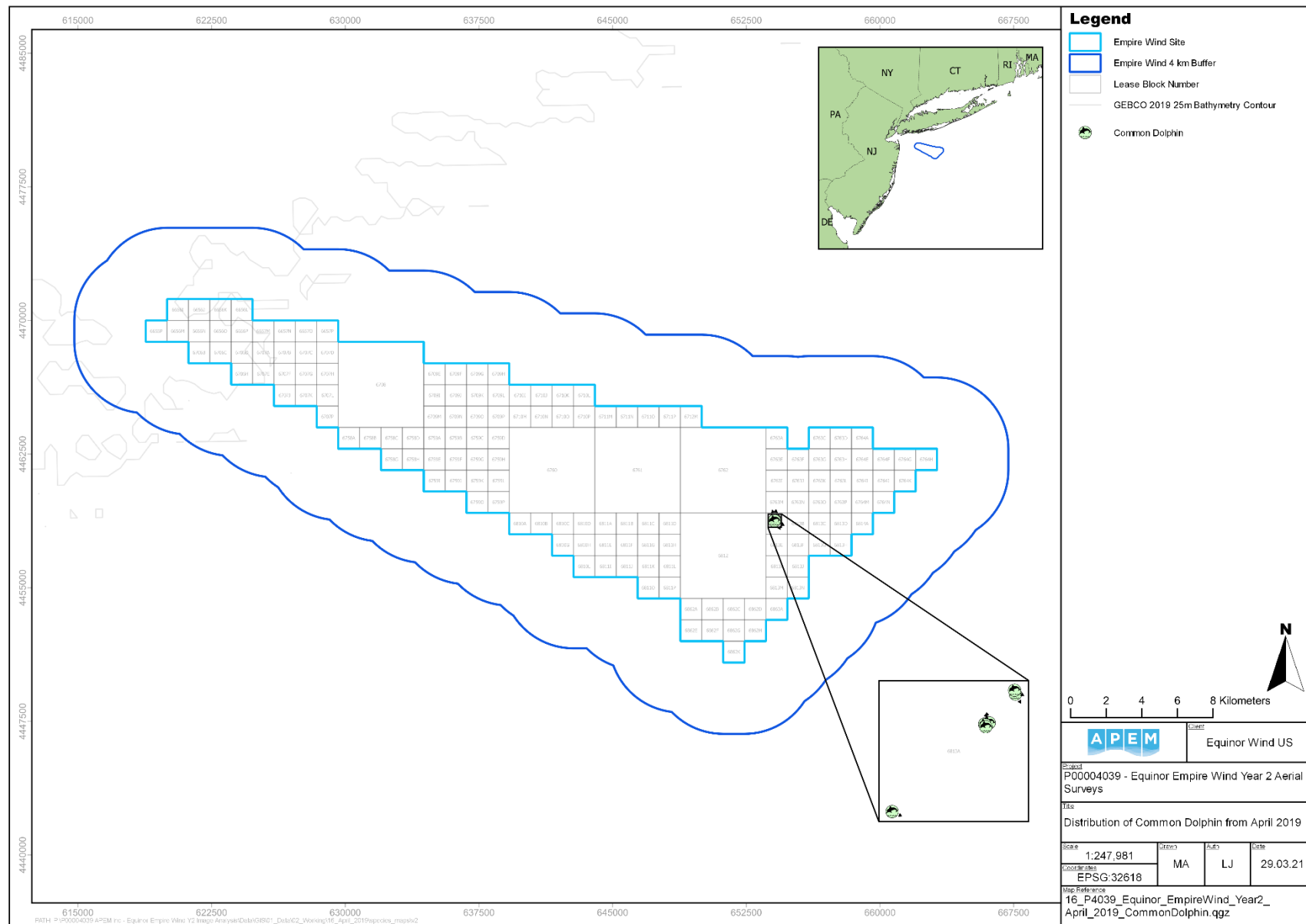


Figure 160

Distribution of common dolphin recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

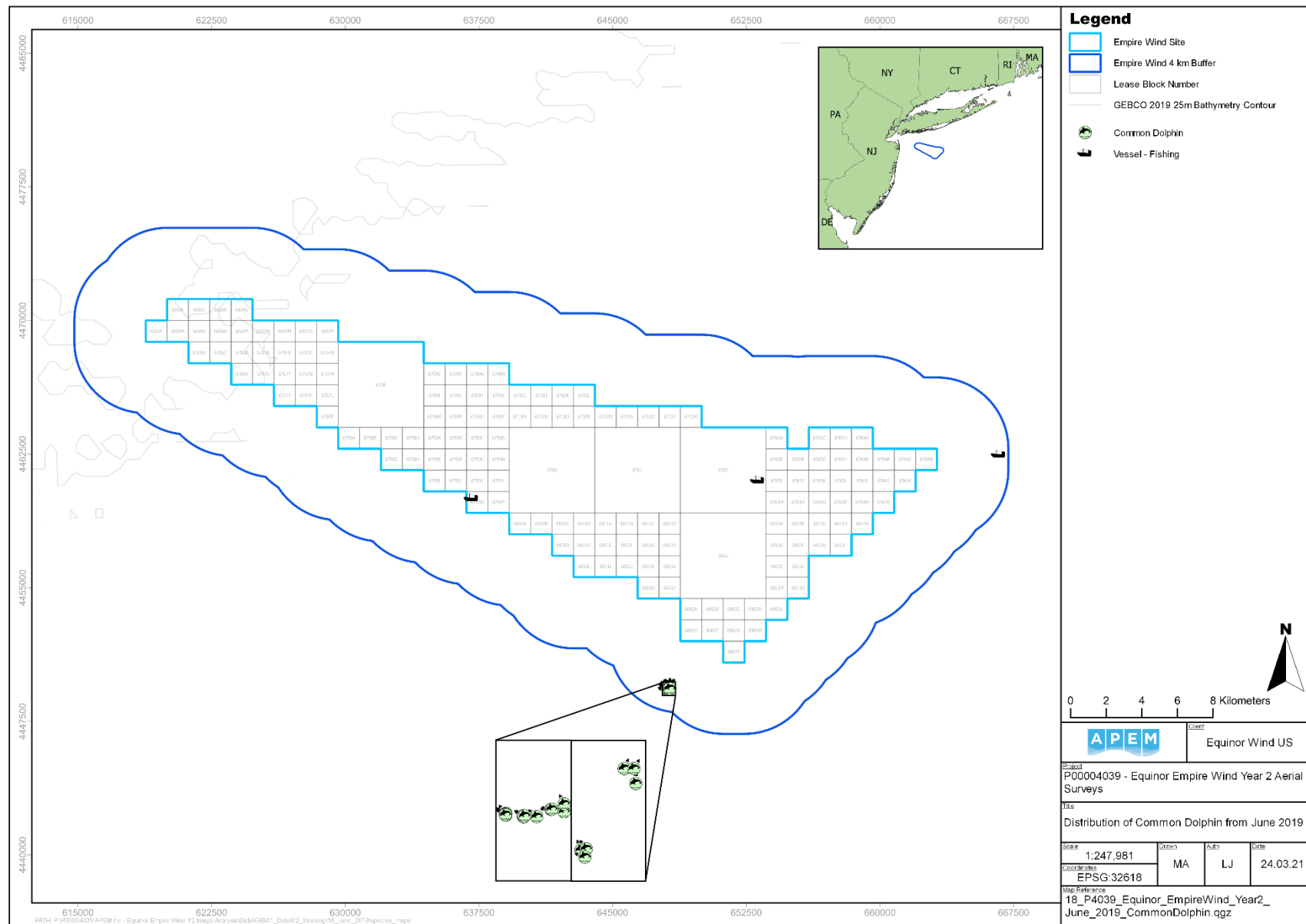


Figure 161 Distribution of common dolphin recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

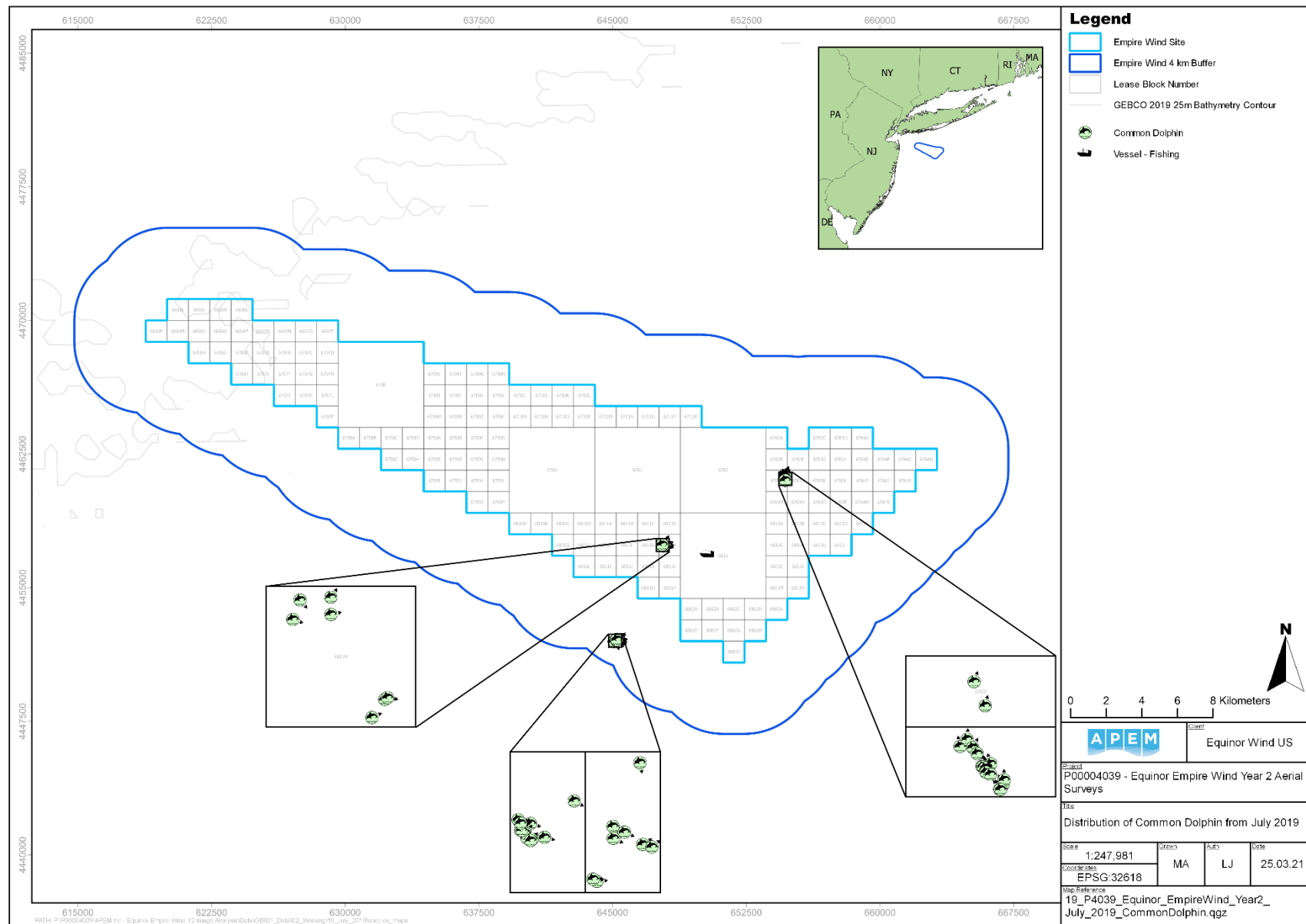


Figure 162 Distribution of common dolphin recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

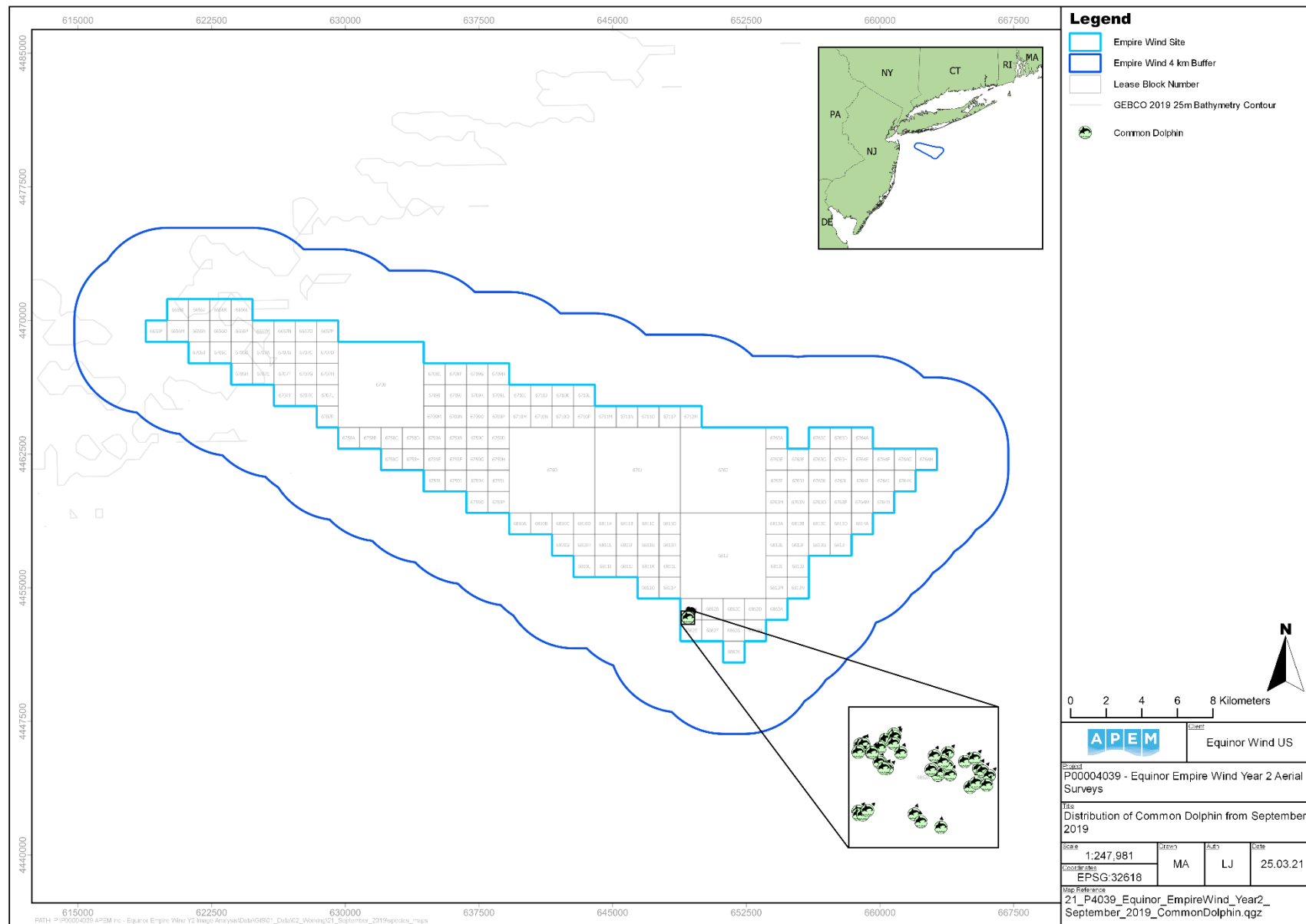


Figure 163 Distribution of common dolphin recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

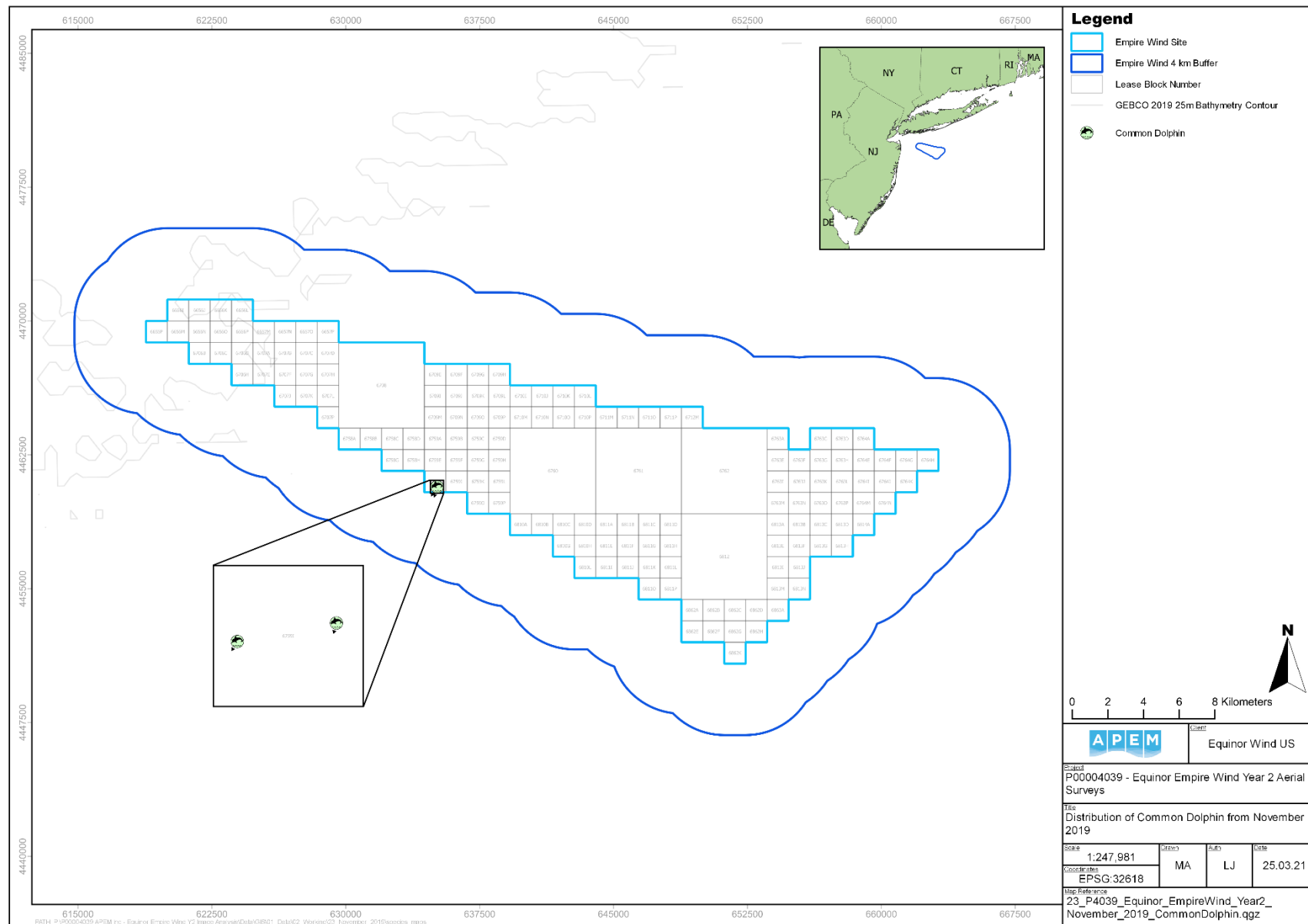


Figure 164 Distribution of common dolphin recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 23

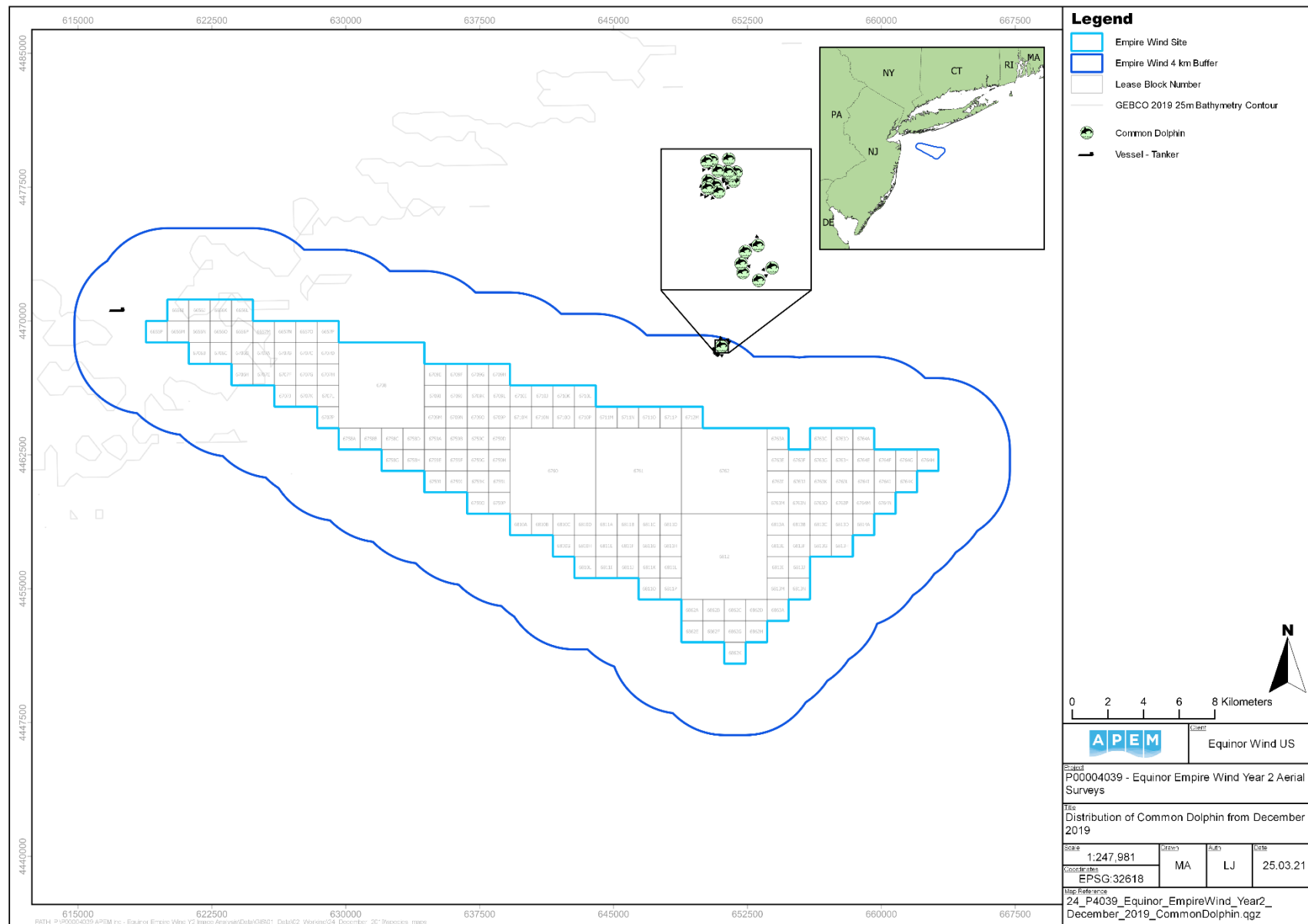


Figure 165 Distribution of common dolphin recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

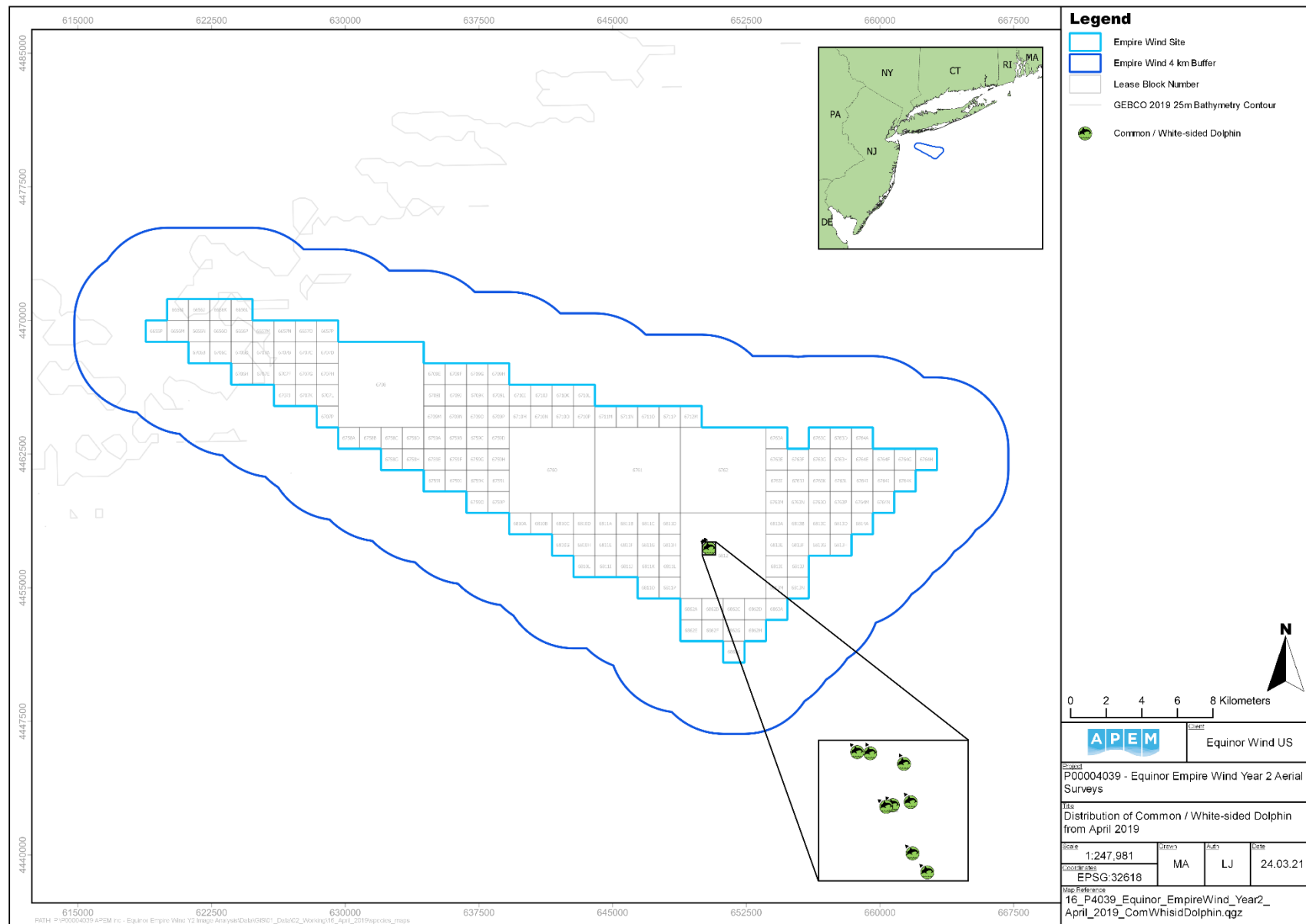


Figure 166 Distribution of common / Atlantic white-sided dolphin recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 16

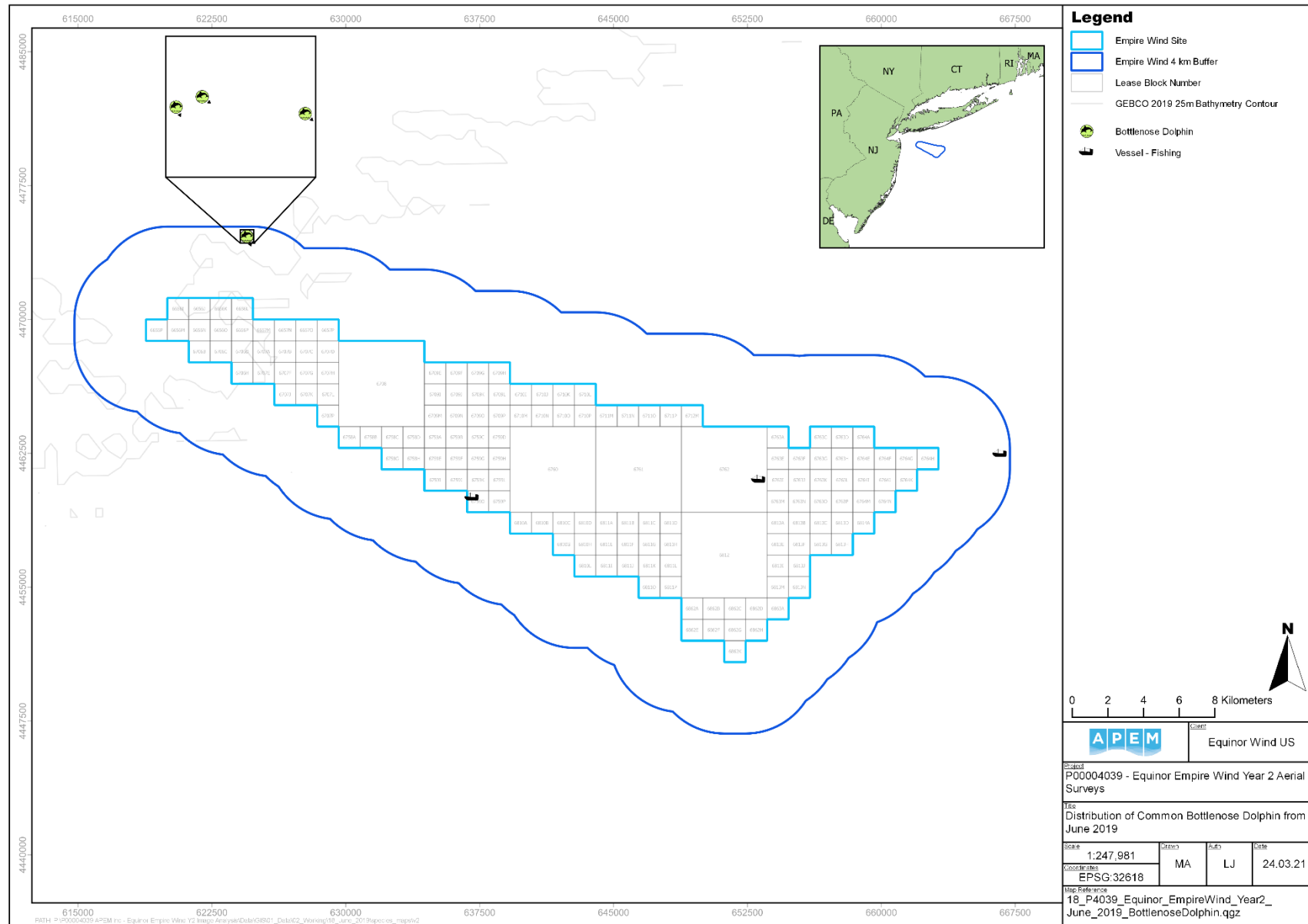


Figure 167 Distribution of common bottlenose dolphin recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

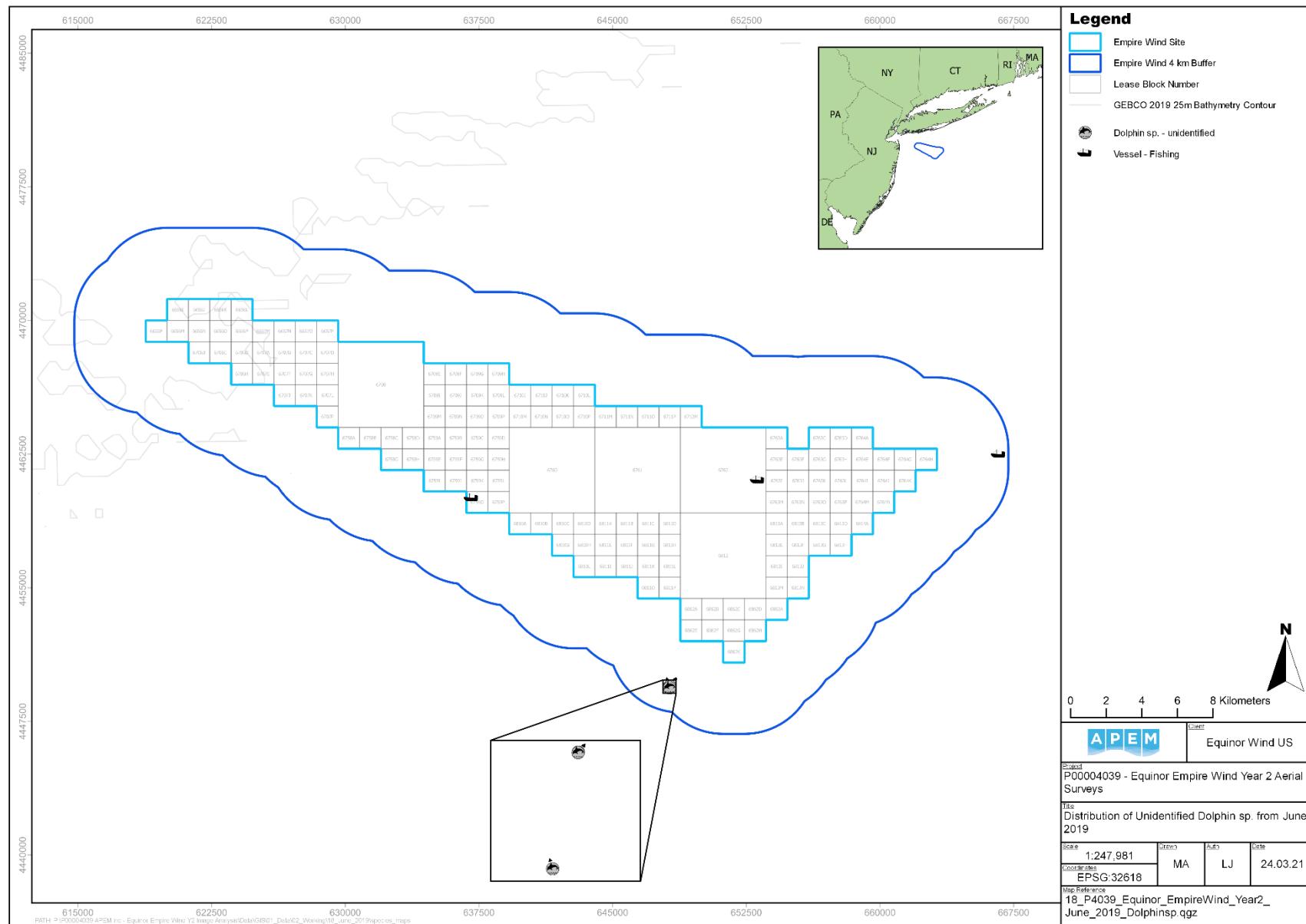


Figure 168 Distribution of unidentified dolphin species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

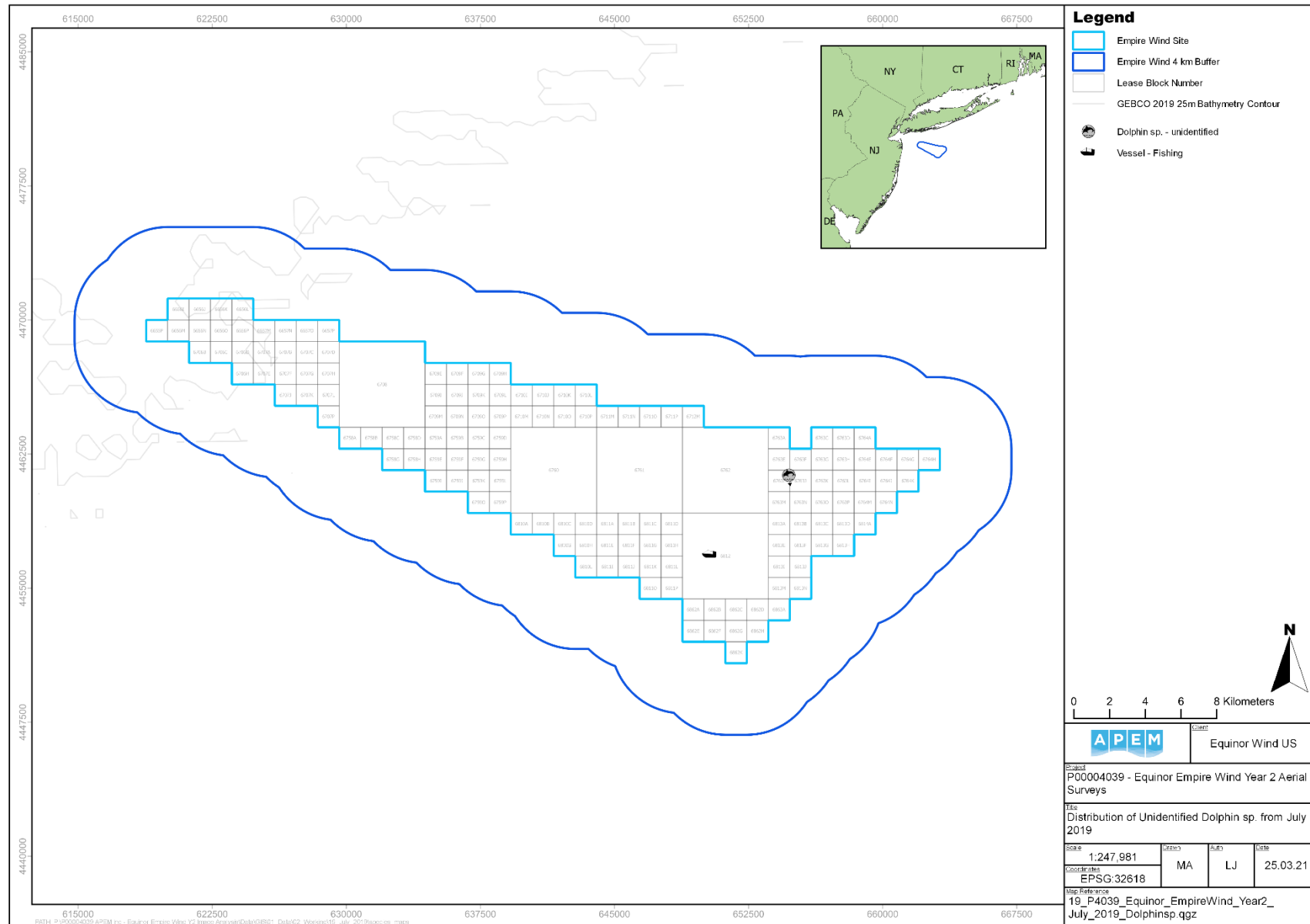


Figure 169 Distribution of unidentified dolphin species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

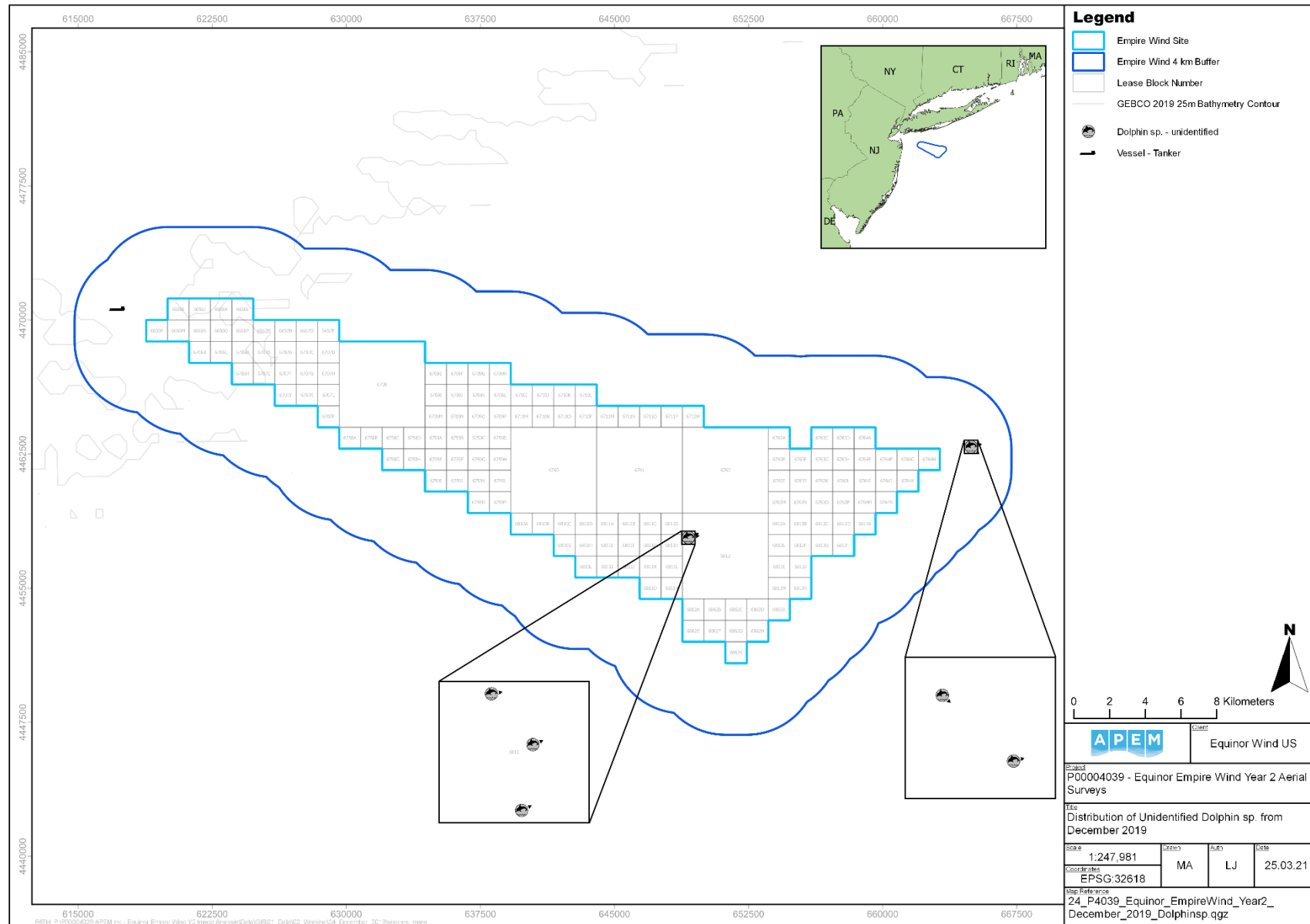


Figure 170 Distribution of unidentified dolphin species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 24

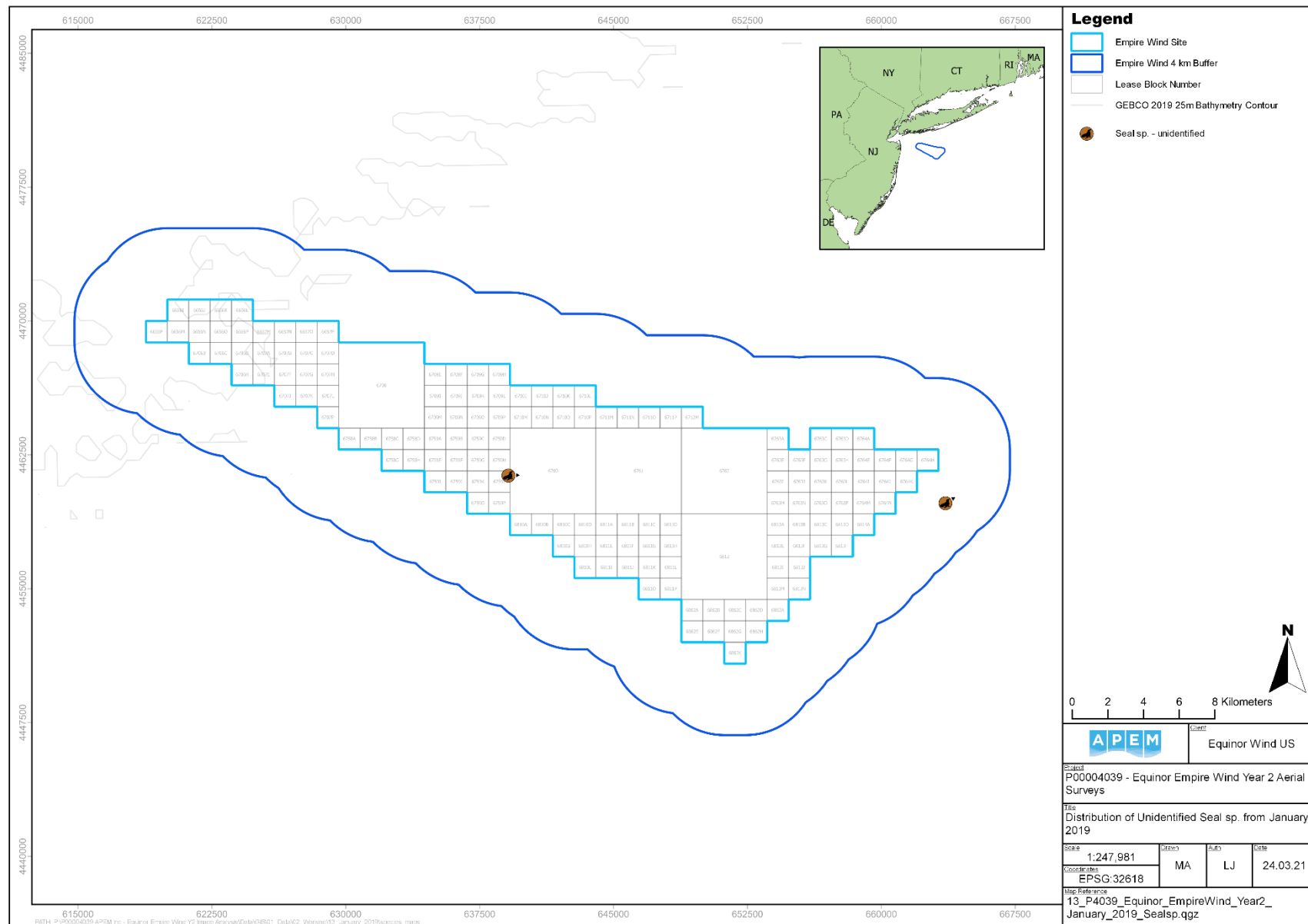
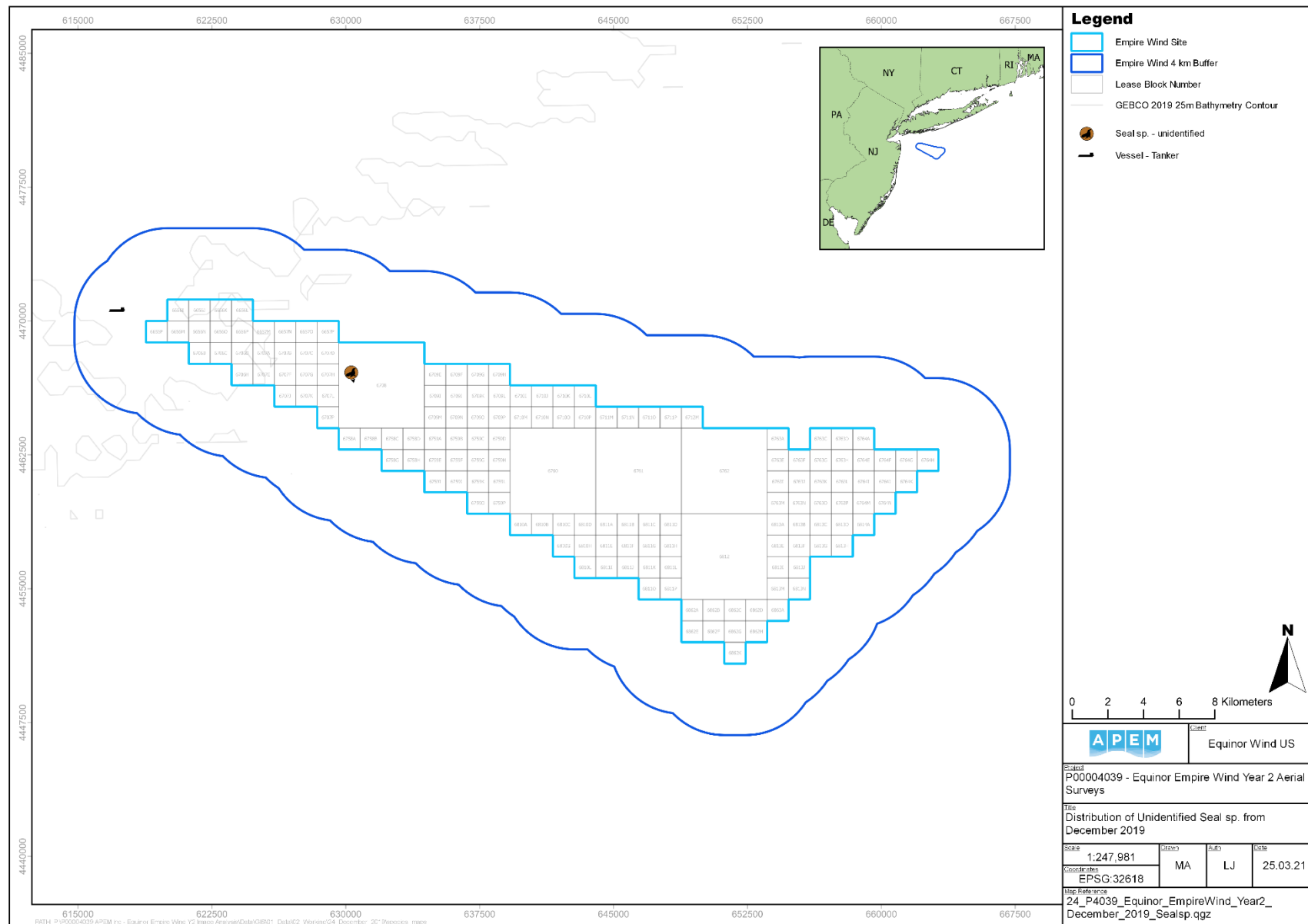


Figure 171 Distribution of unidentified seal species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 13



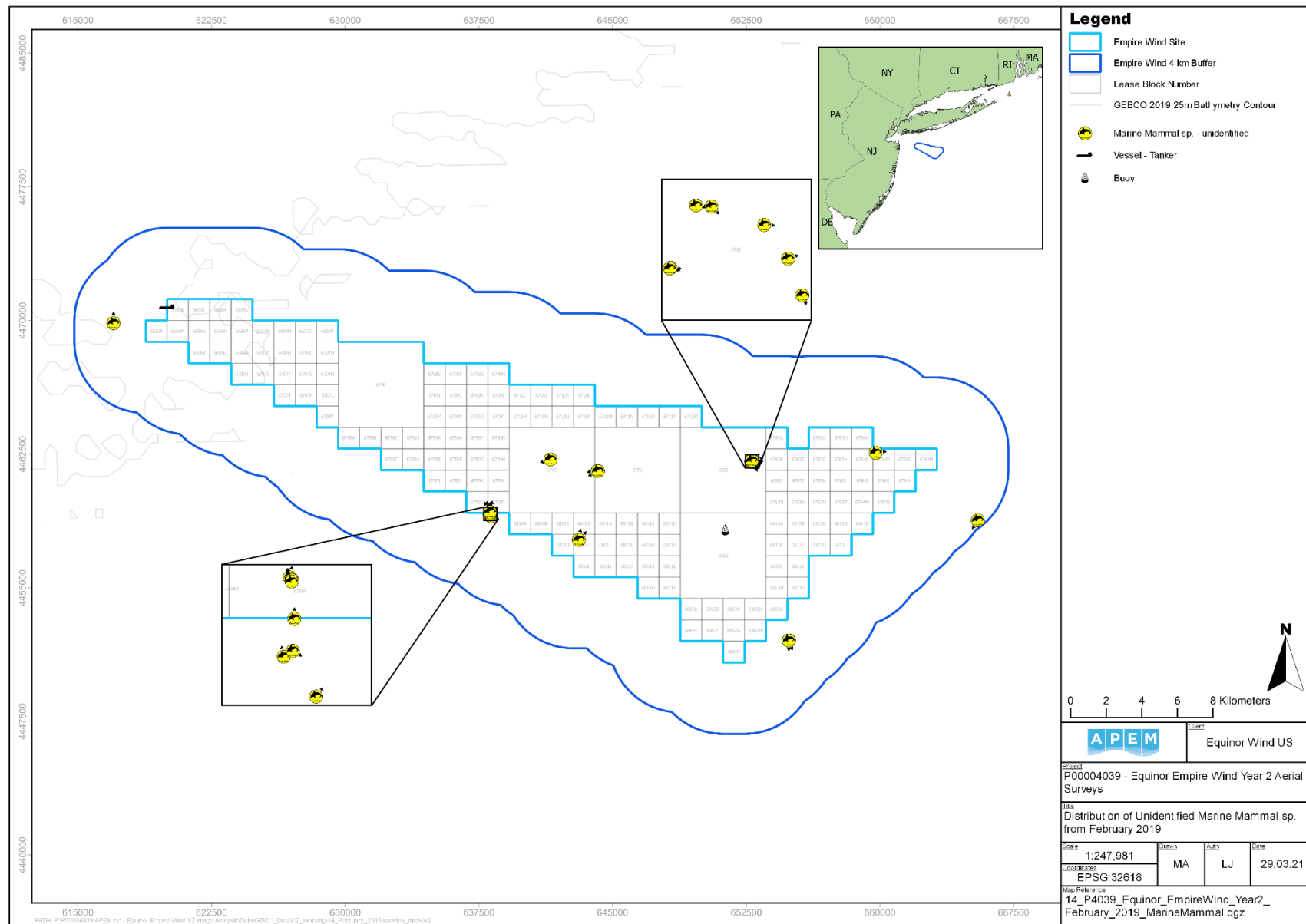


Figure 173 Distribution of unidentified marine mammal species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 14

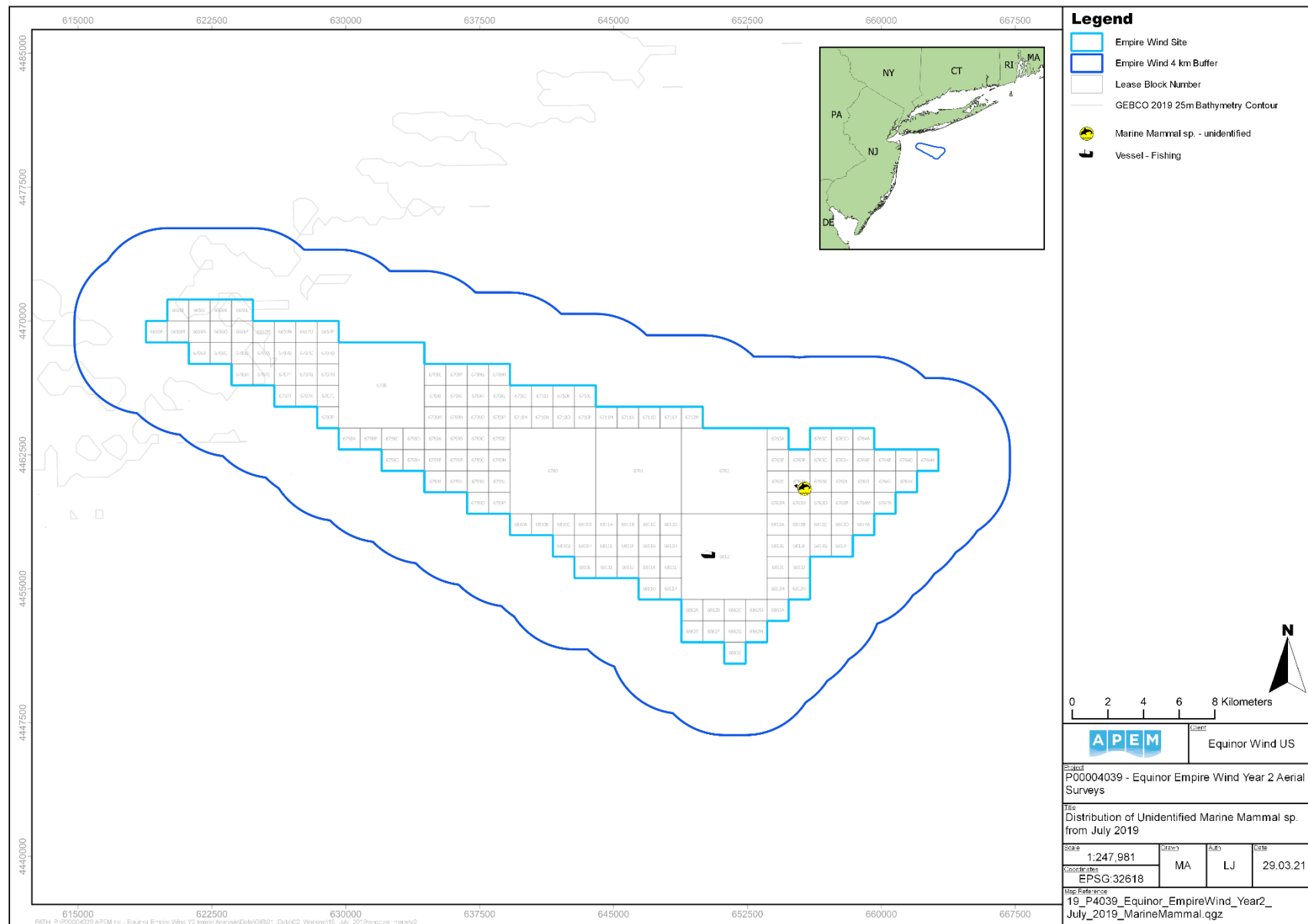


Figure 174 Distribution of unidentified marine mammal species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

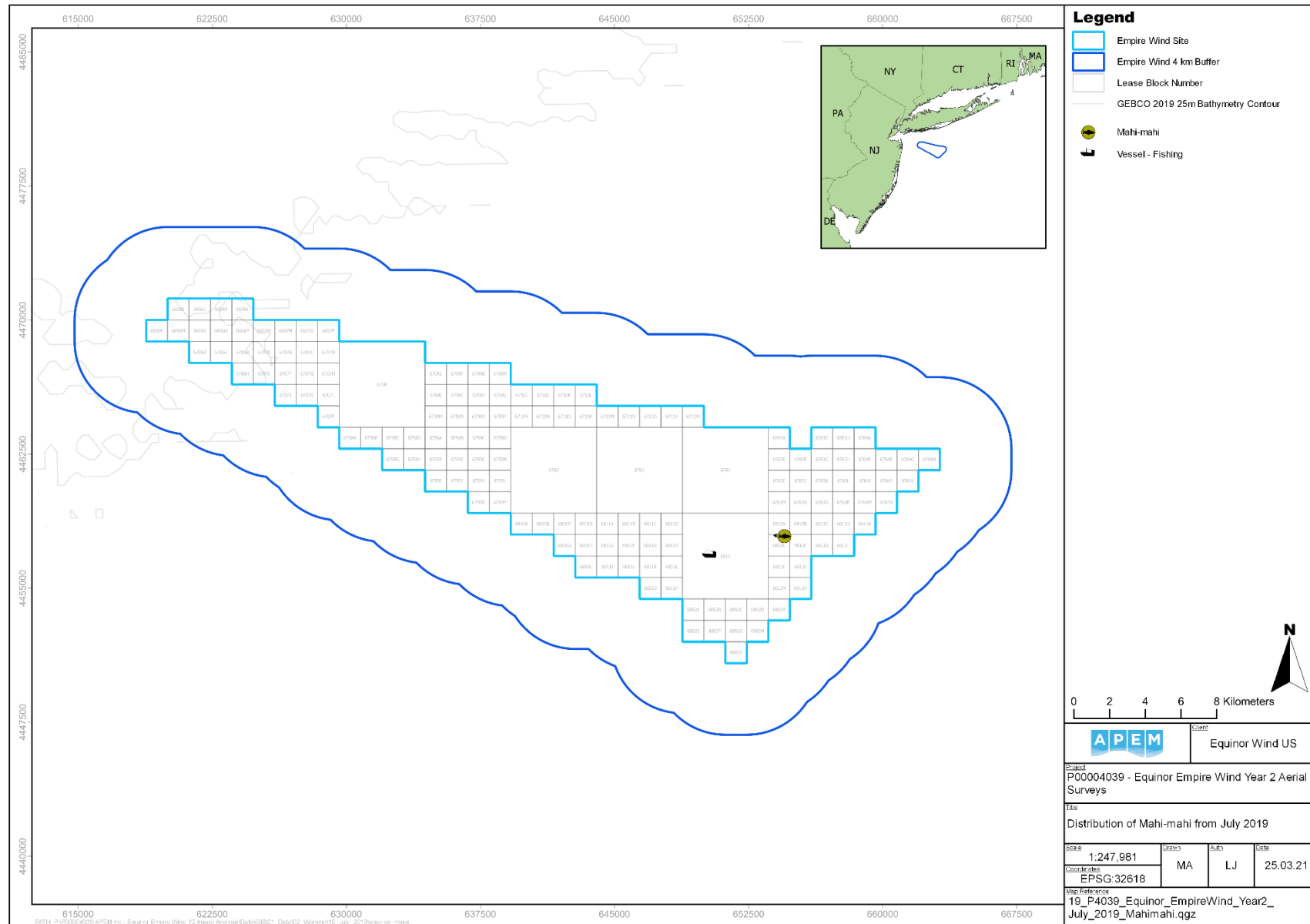


Figure 175 Distribution of mahi-mahi recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

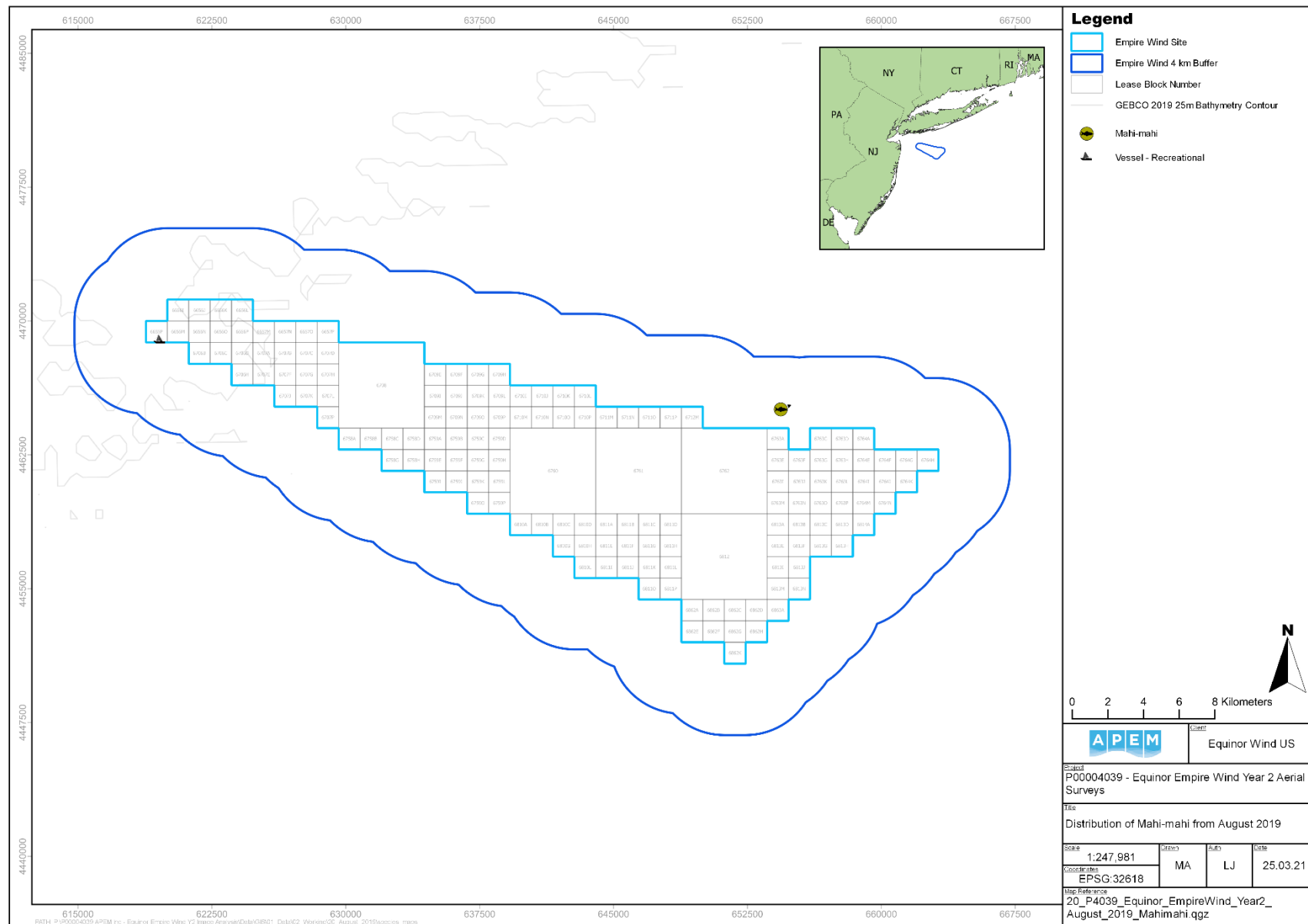


Figure 176 Distribution of mahi-mahi recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

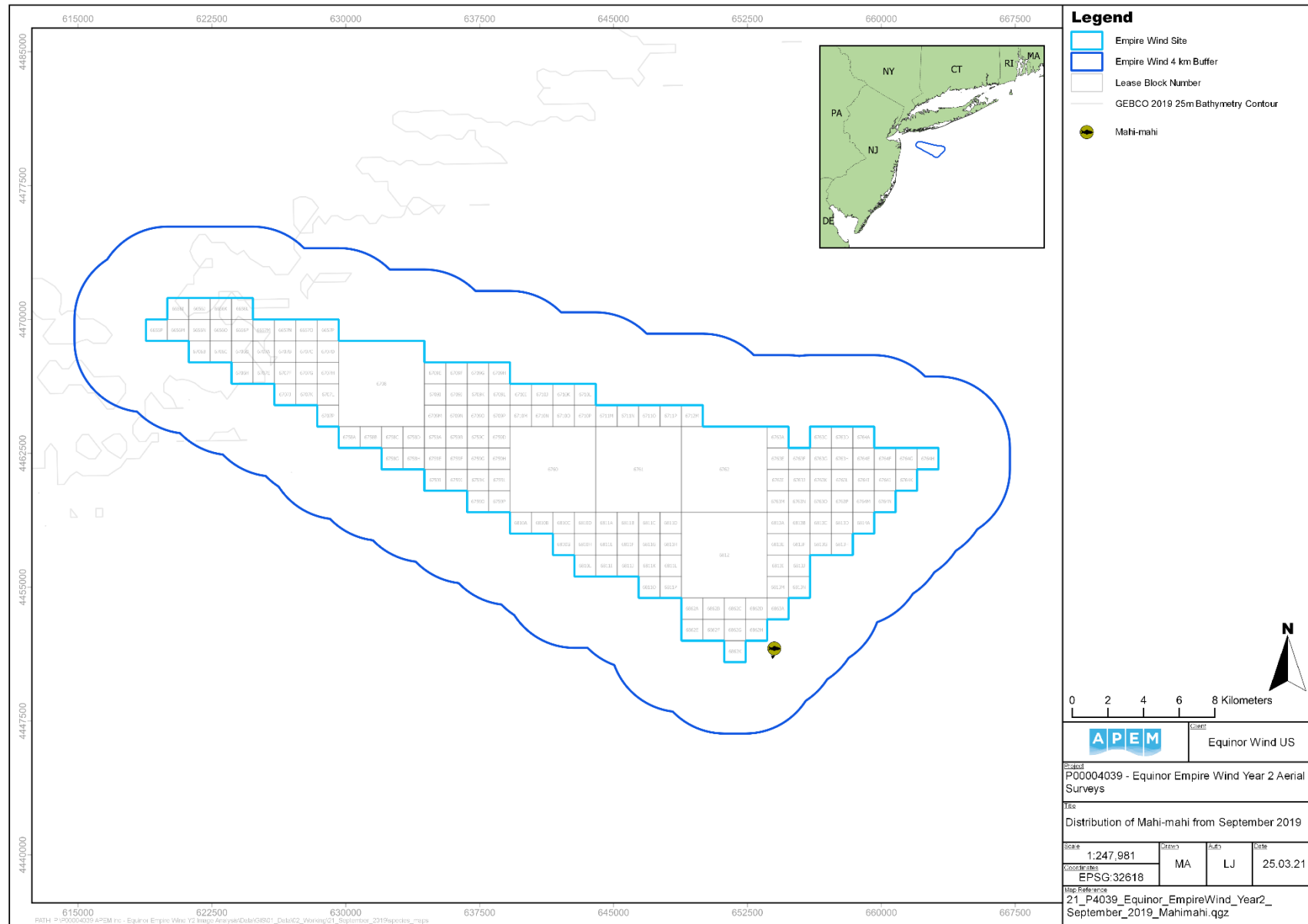


Figure 177 Distribution of mahi-mahi recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

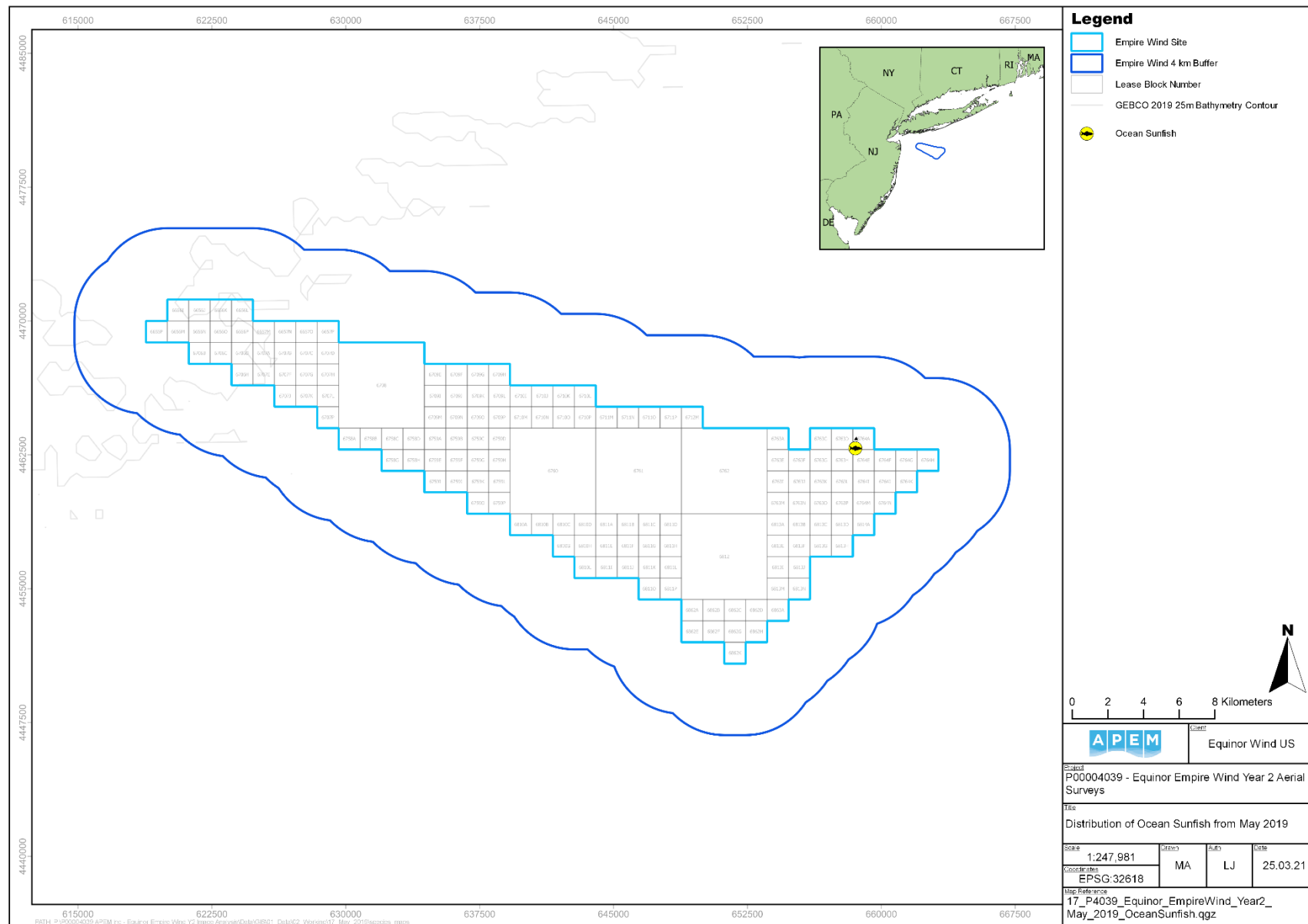


Figure 178 Distribution of ocean sunfish recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

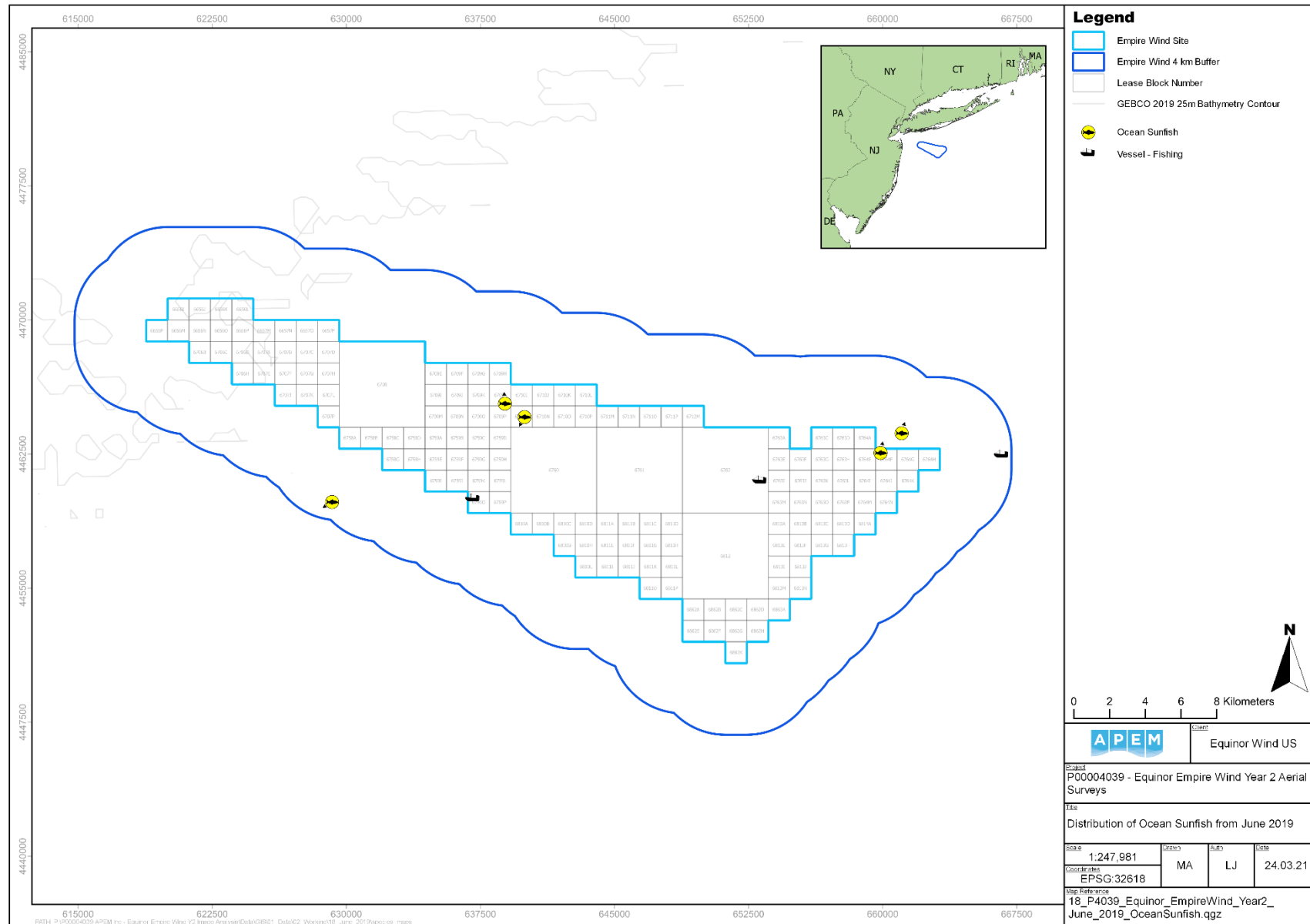


Figure 179 Distribution of ocean sunfish recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

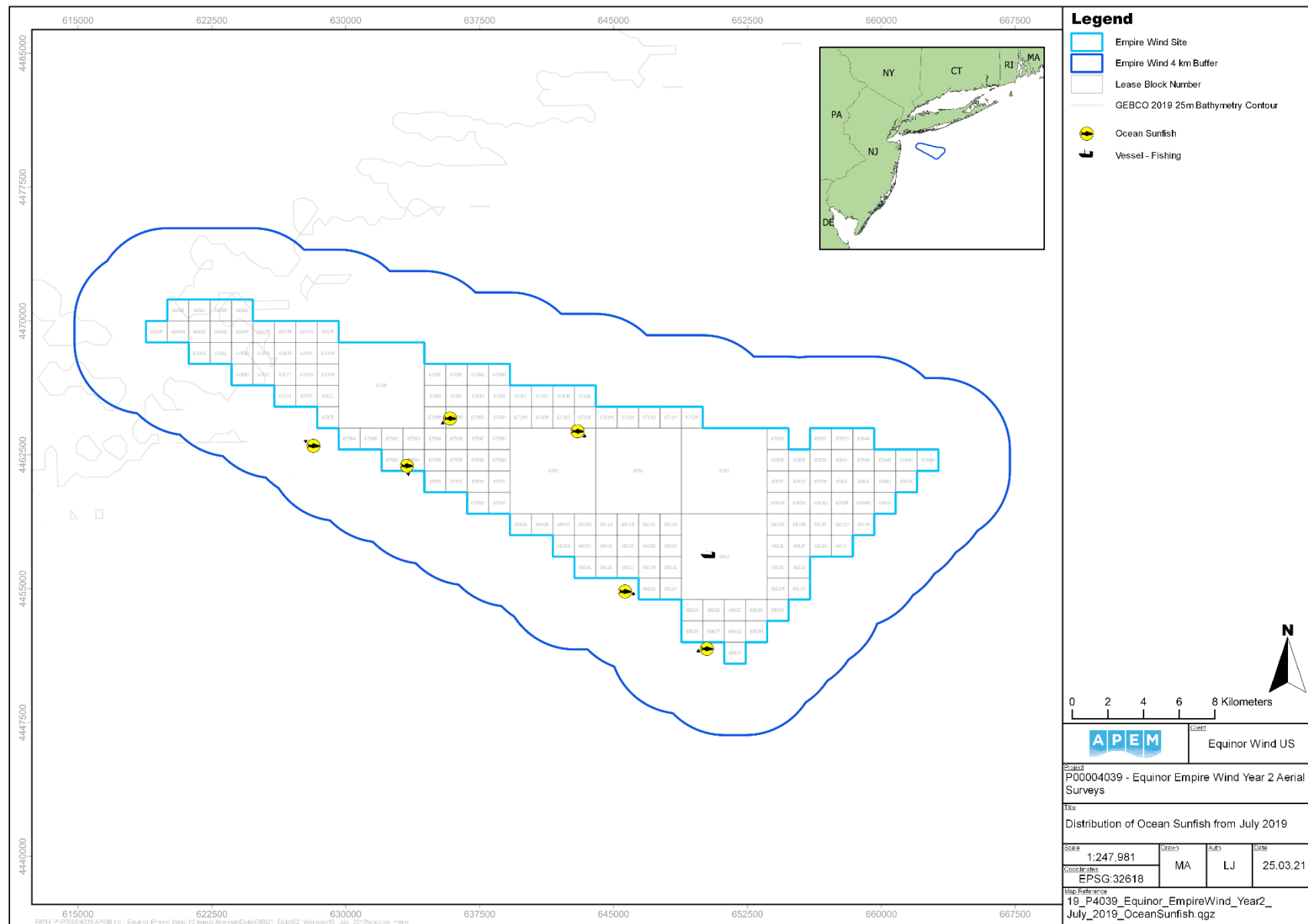


Figure 180 Distribution of ocean sunfish recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

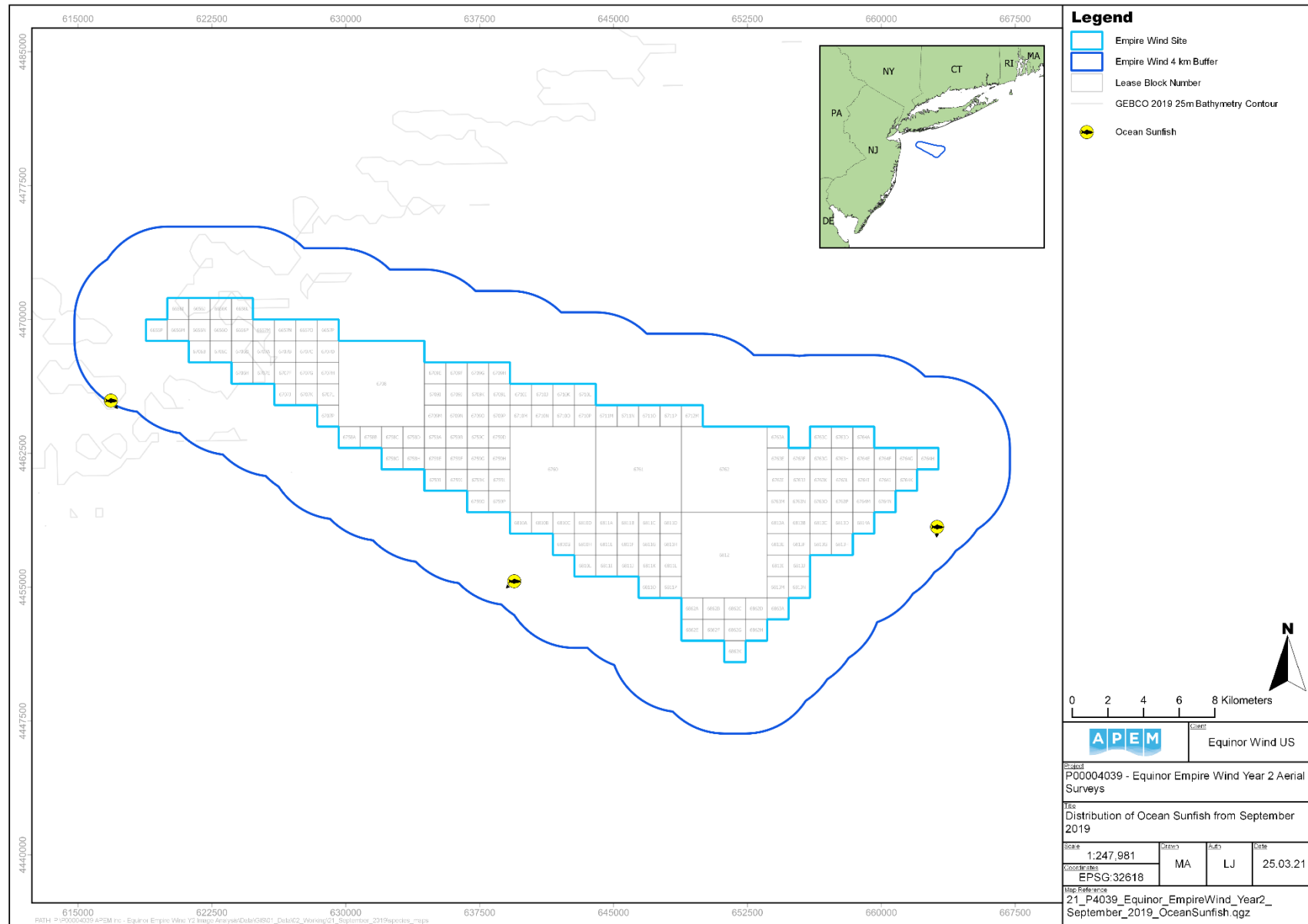


Figure 181 Distribution of ocean sunfish recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

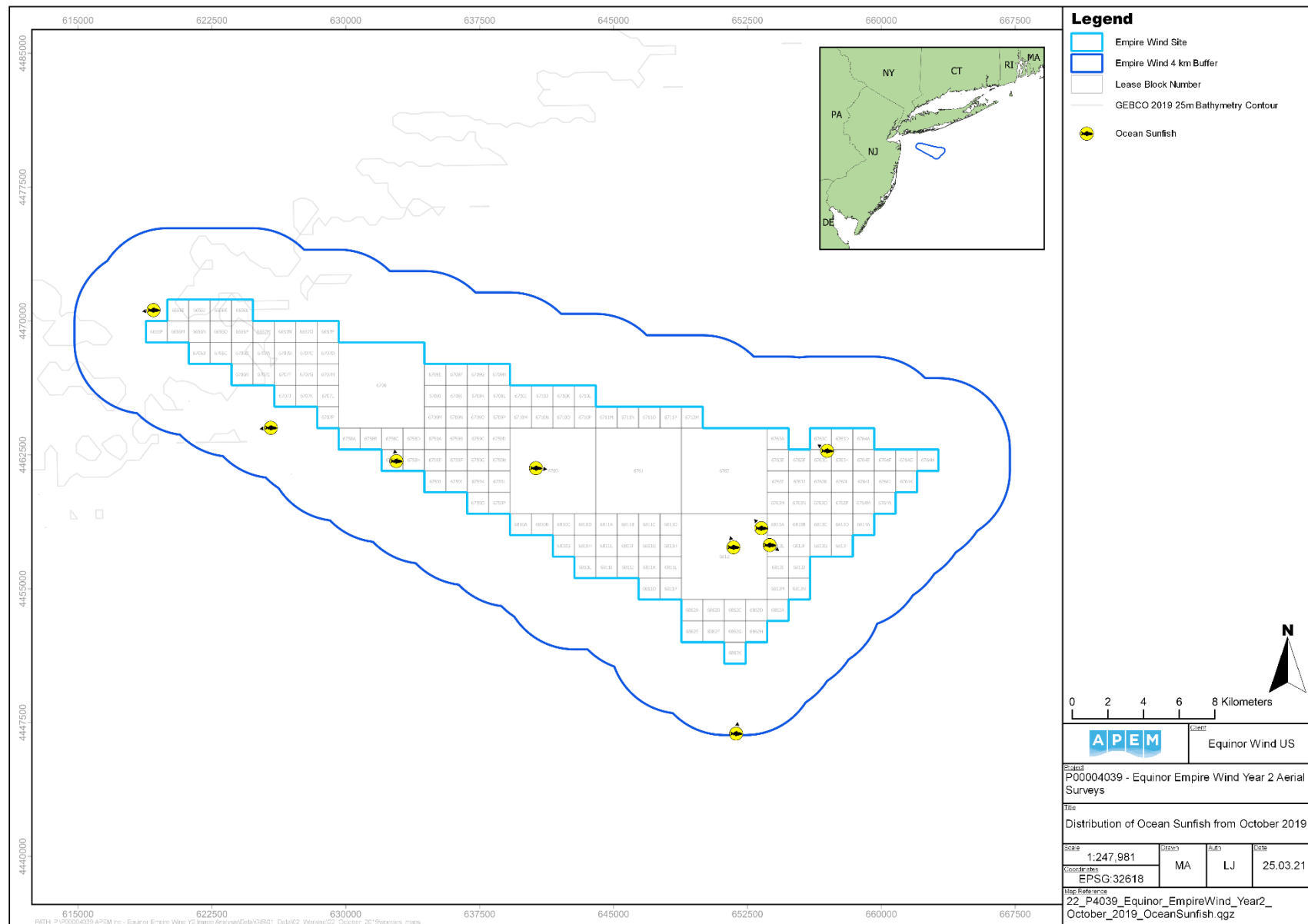


Figure 182 Distribution of ocean sunfish recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

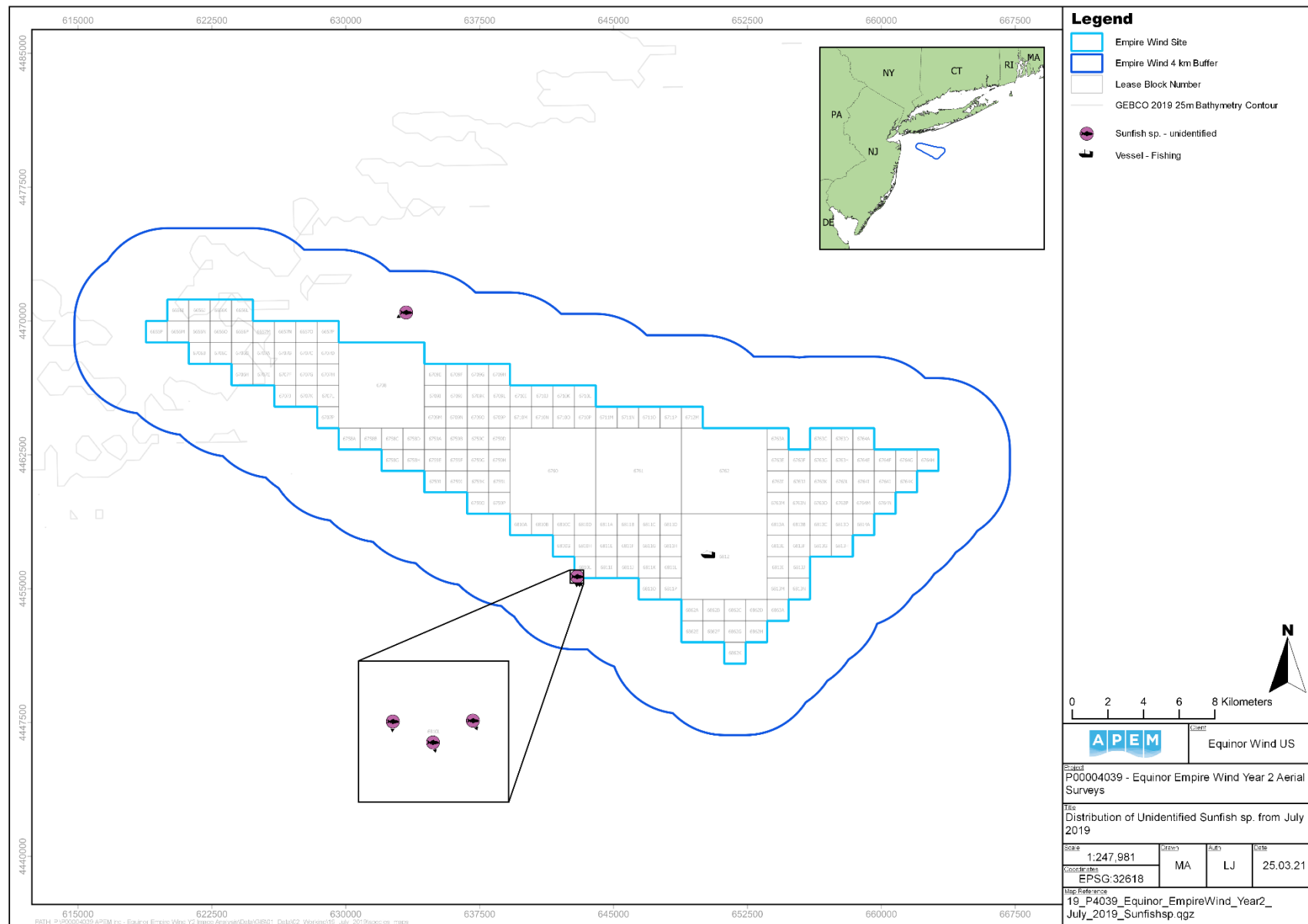


Figure 183 Distribution of unidentified sunfish species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

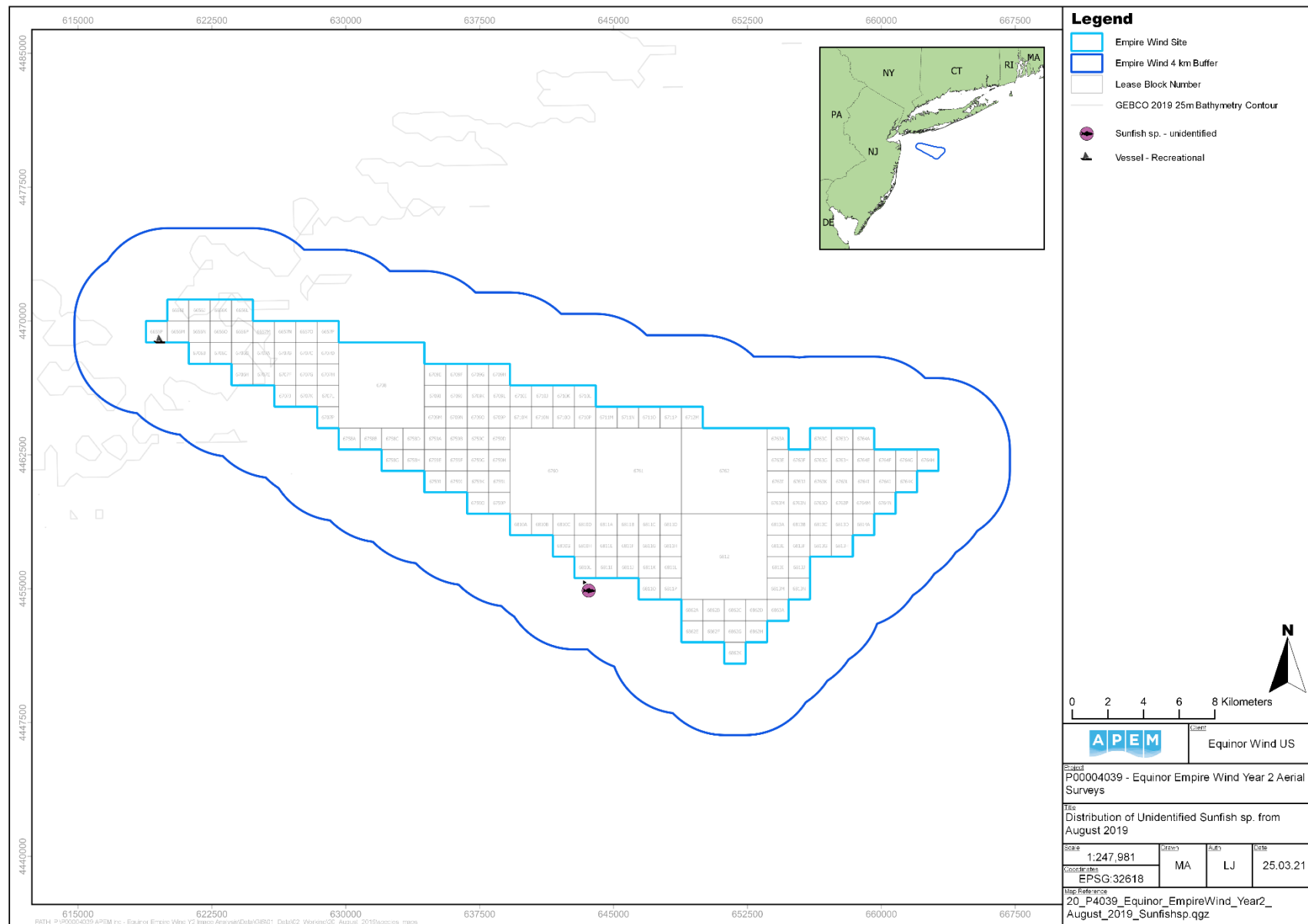


Figure 184 Distribution of unidentified sunfish species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

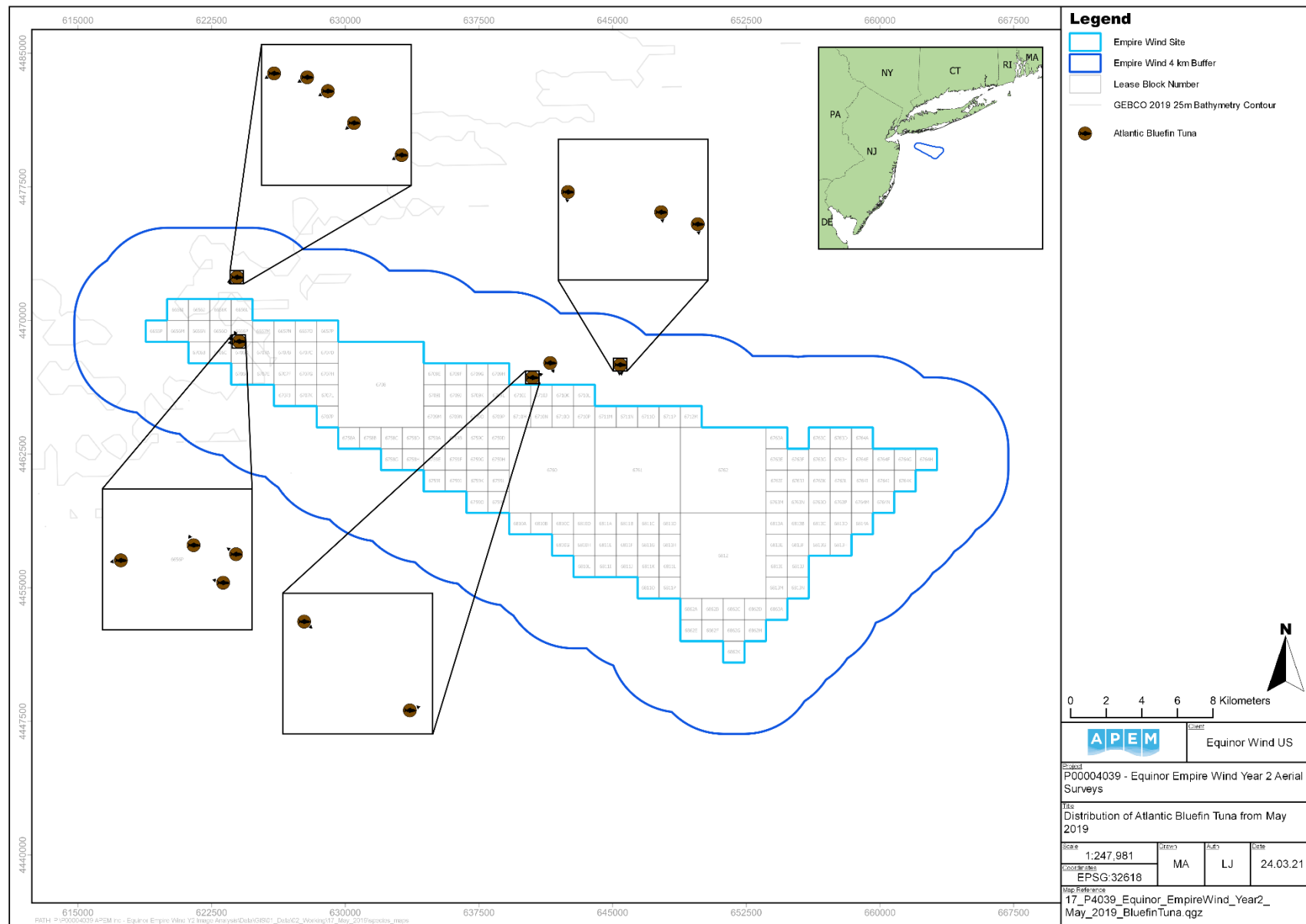


Figure 185 Distribution of Atlantic bluefin tuna recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

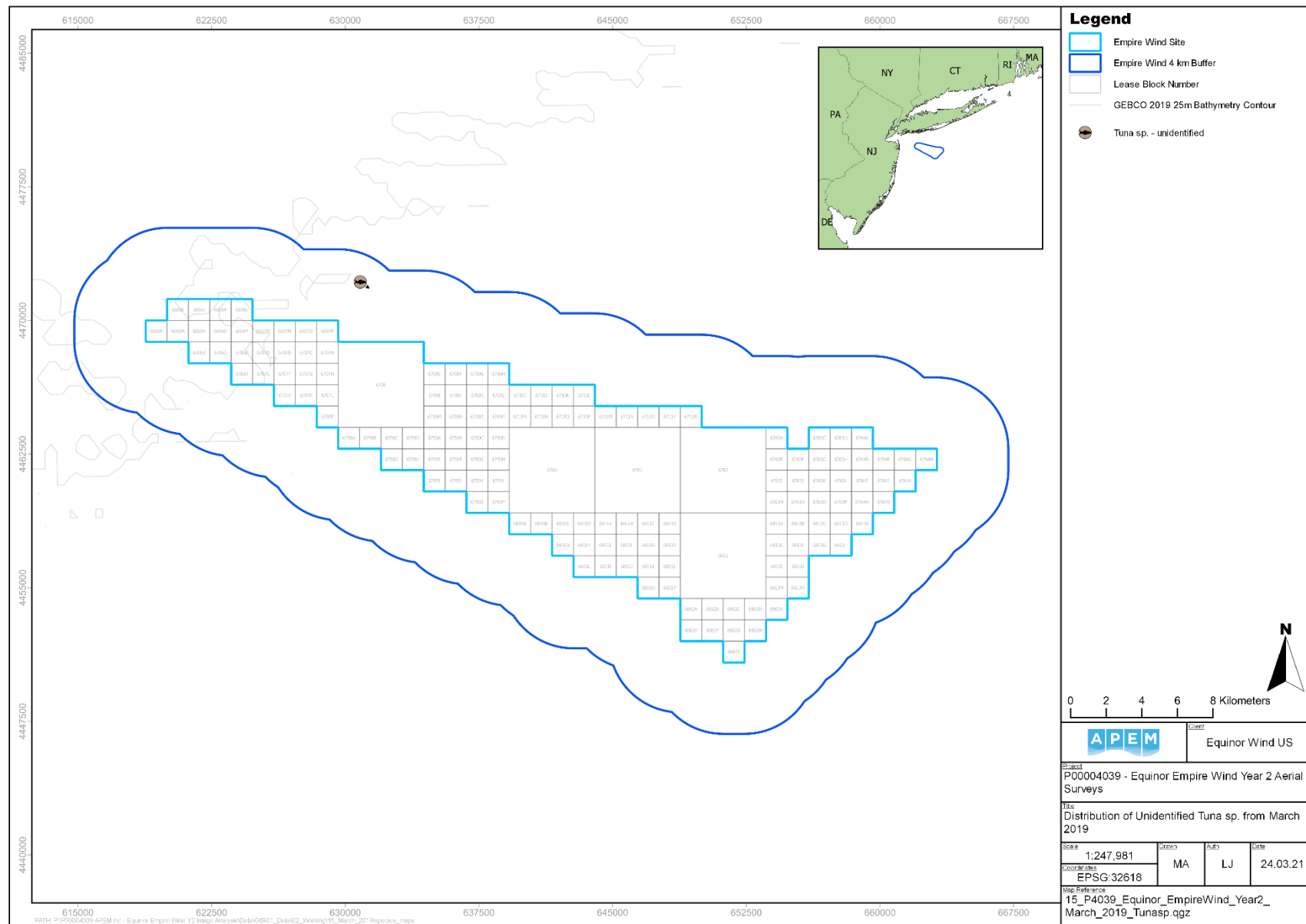


Figure 186 Distribution of unidentified tuna species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 15

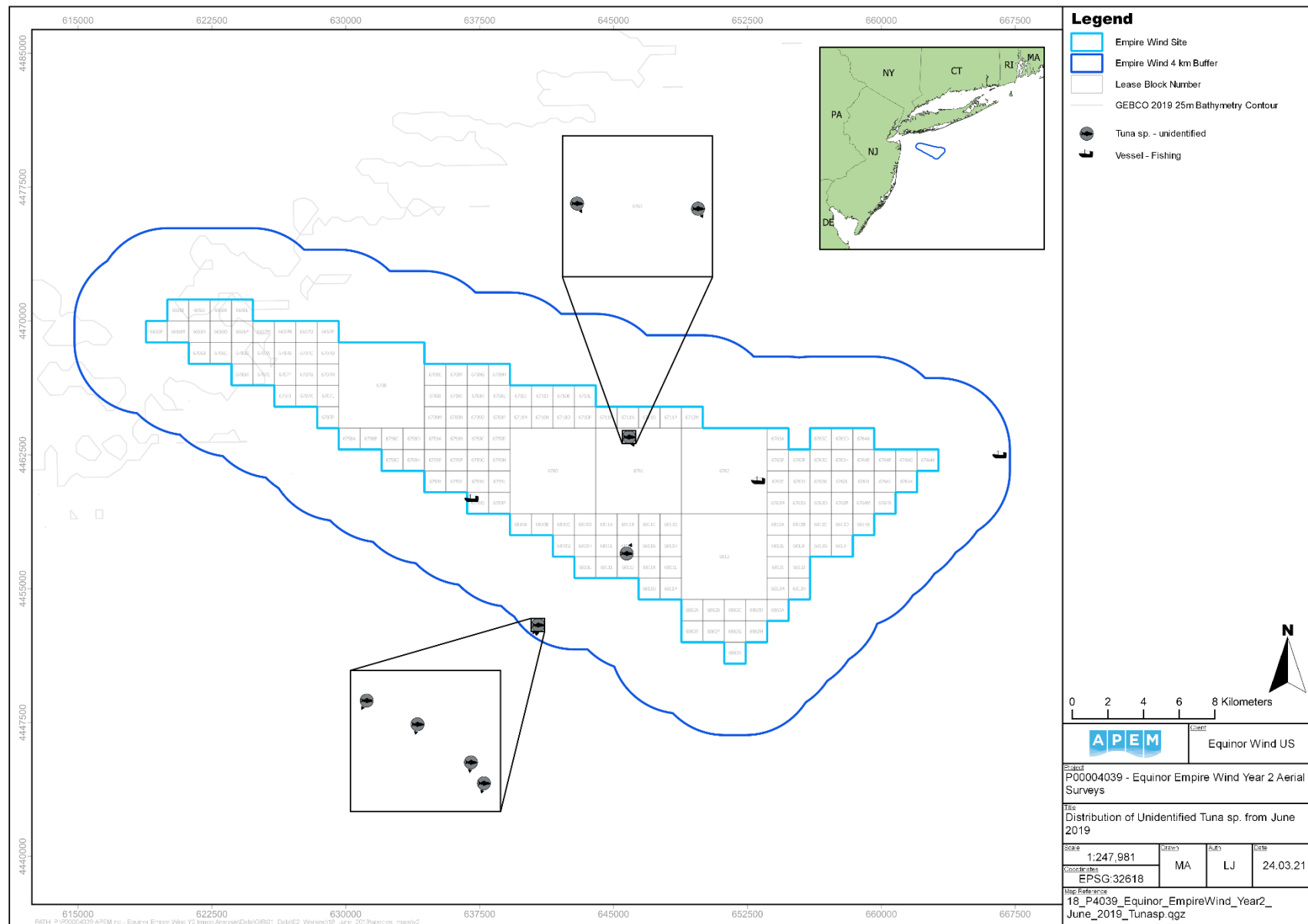


Figure 187 Distribution of unidentified tuna species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

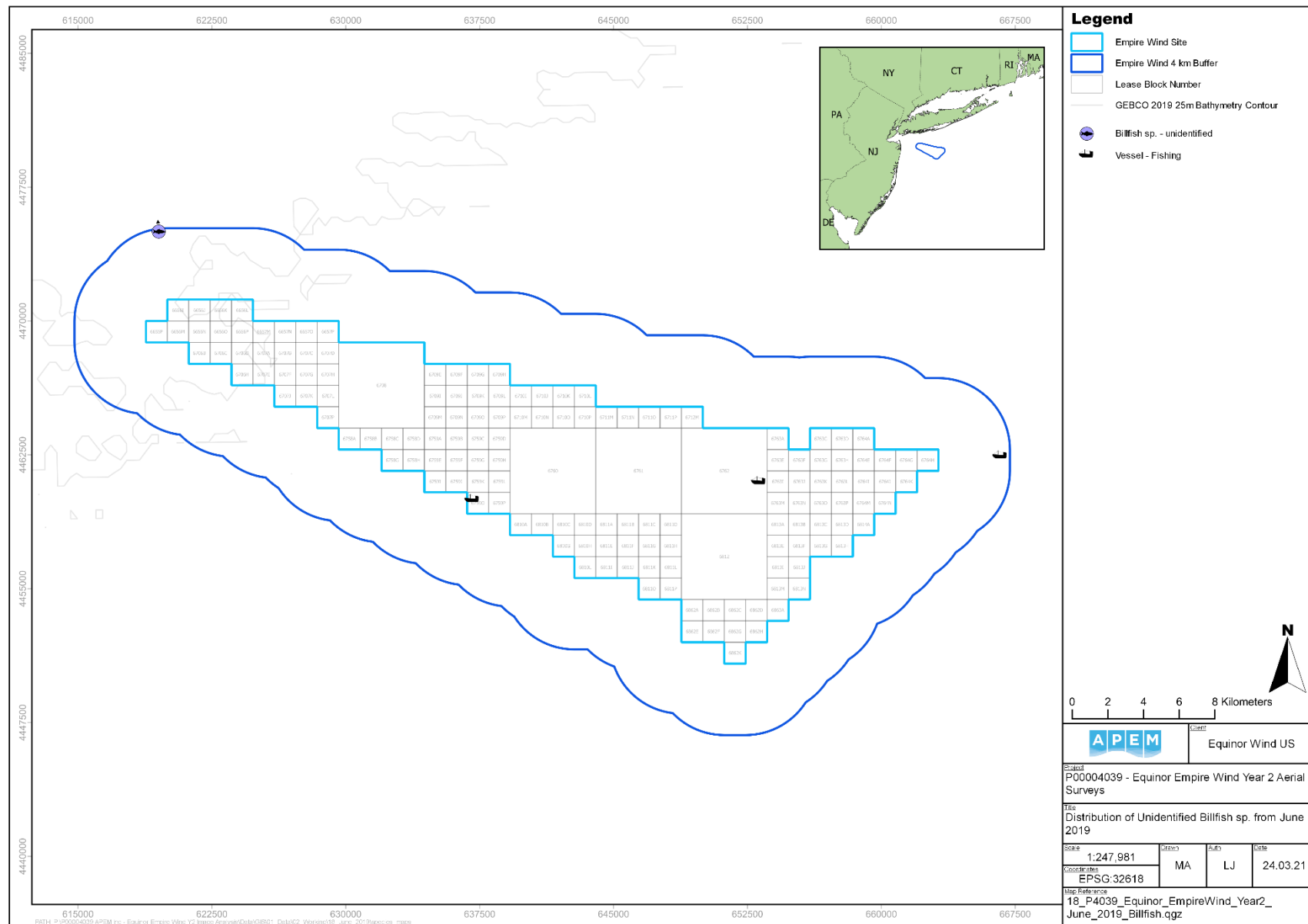


Figure 188 Distribution of unidentified billfish species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

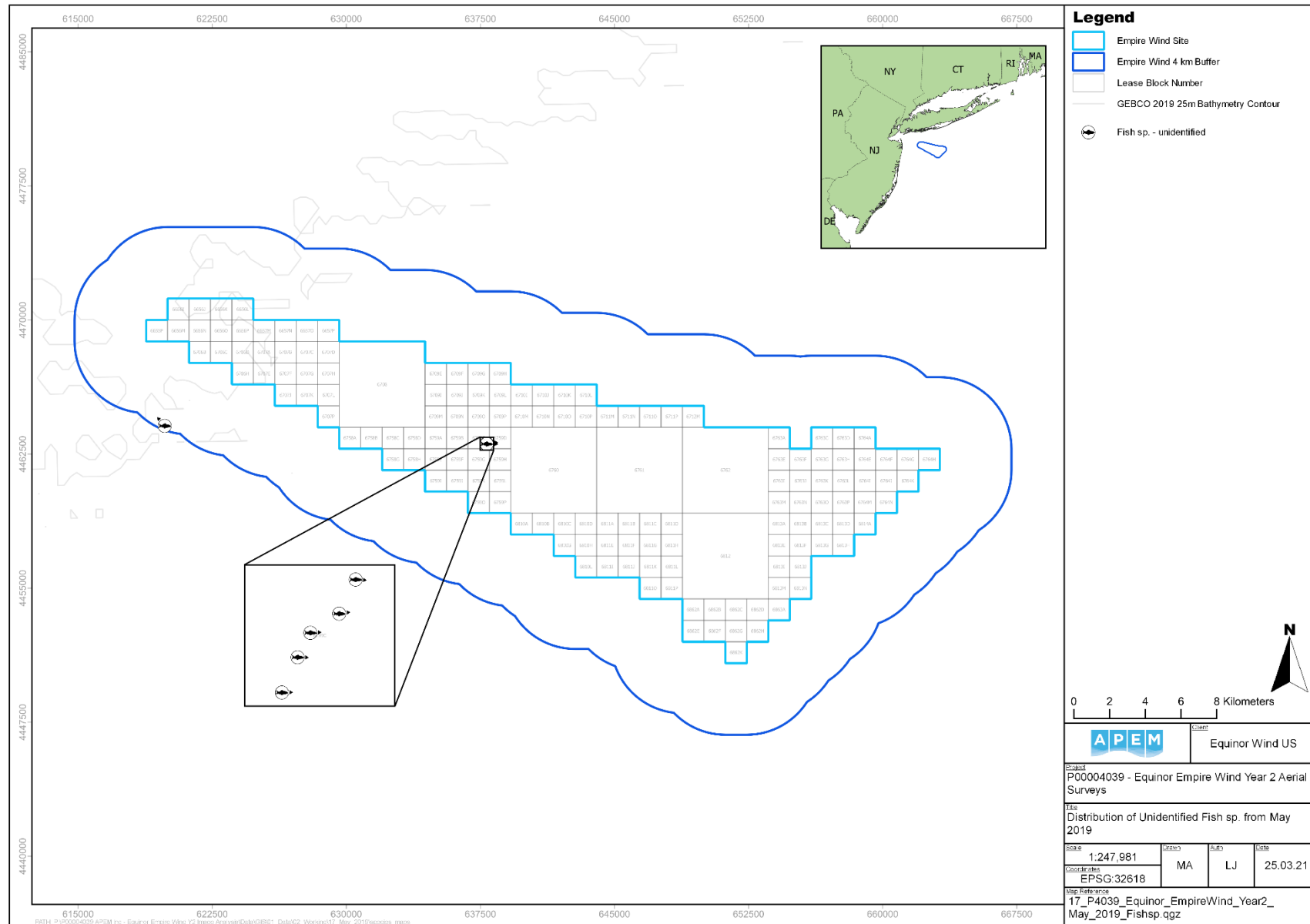


Figure 189 Distribution of unidentified large bony fish recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 17

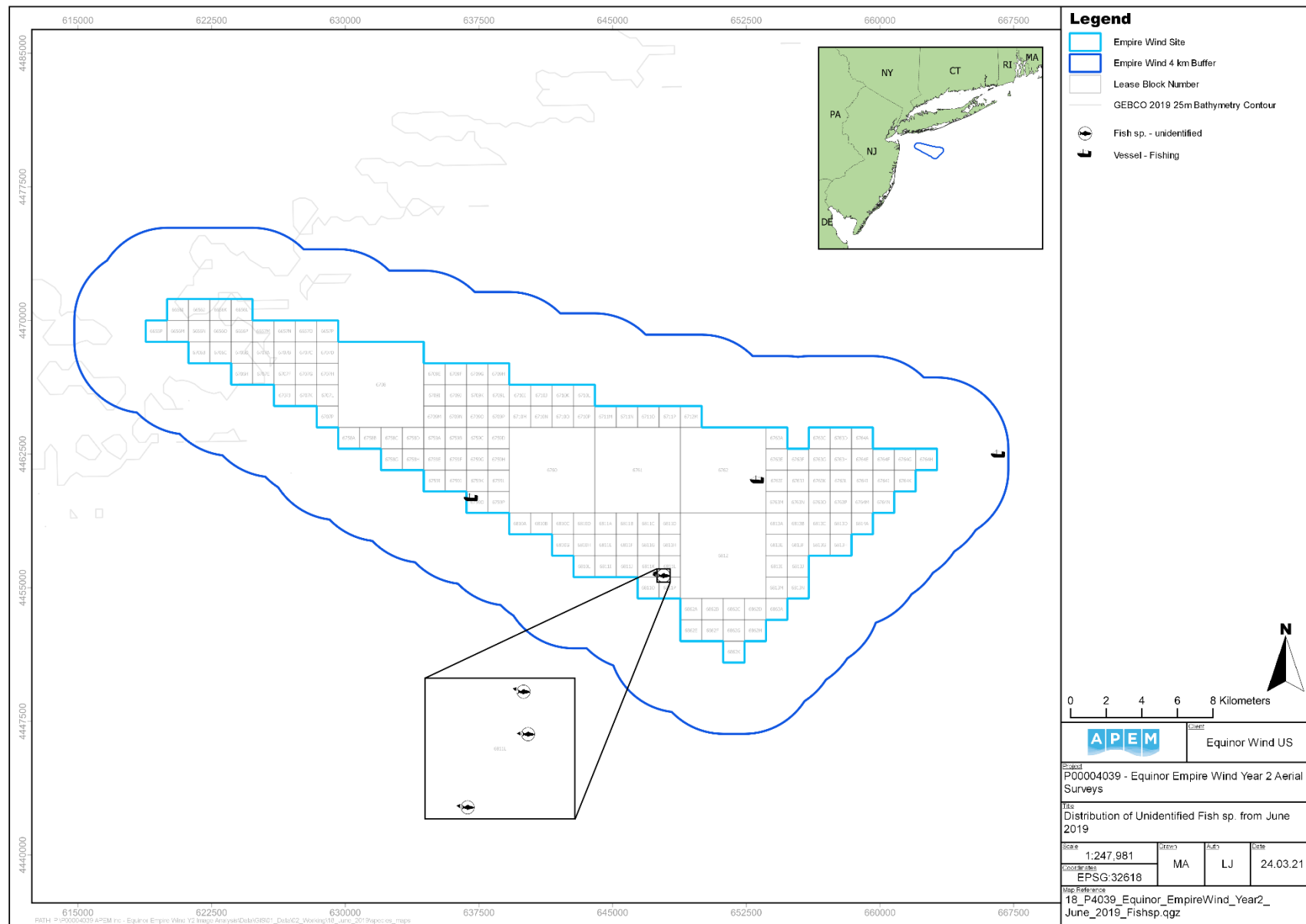


Figure 190 Distribution of unidentified large bony fish recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

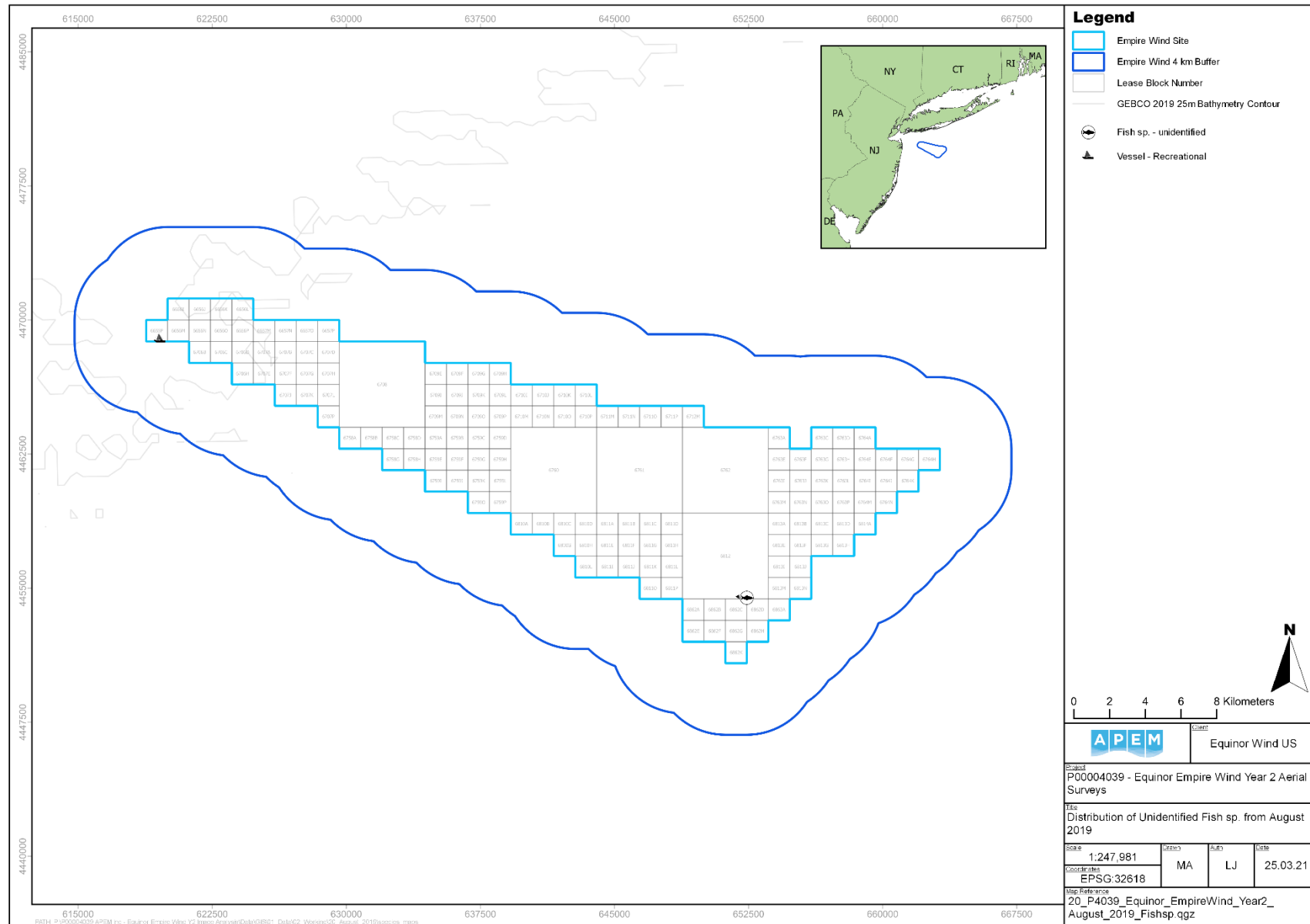


Figure 191 Distribution of unidentified large bony fish recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

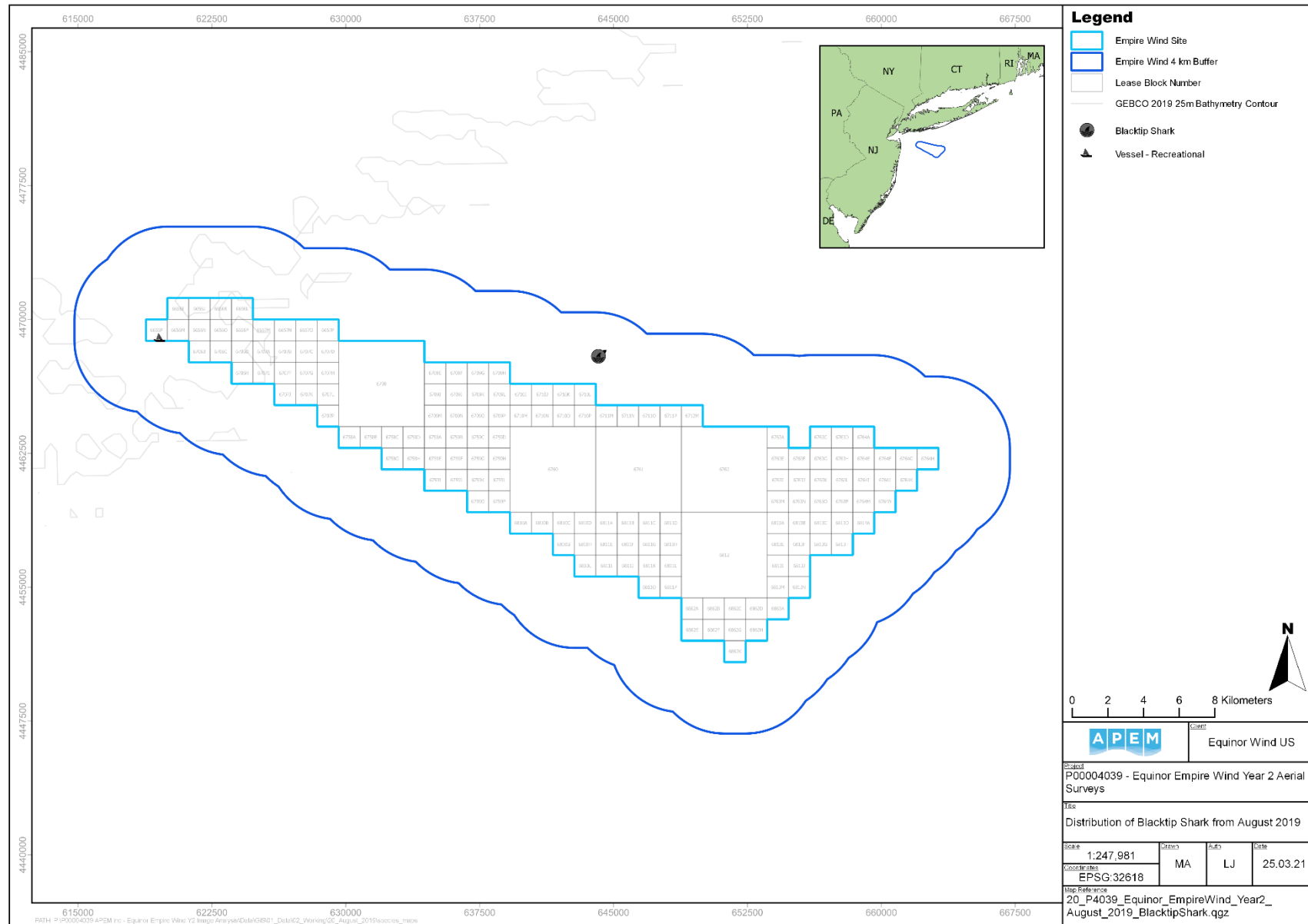


Figure 192 Distribution of blacktip shark recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

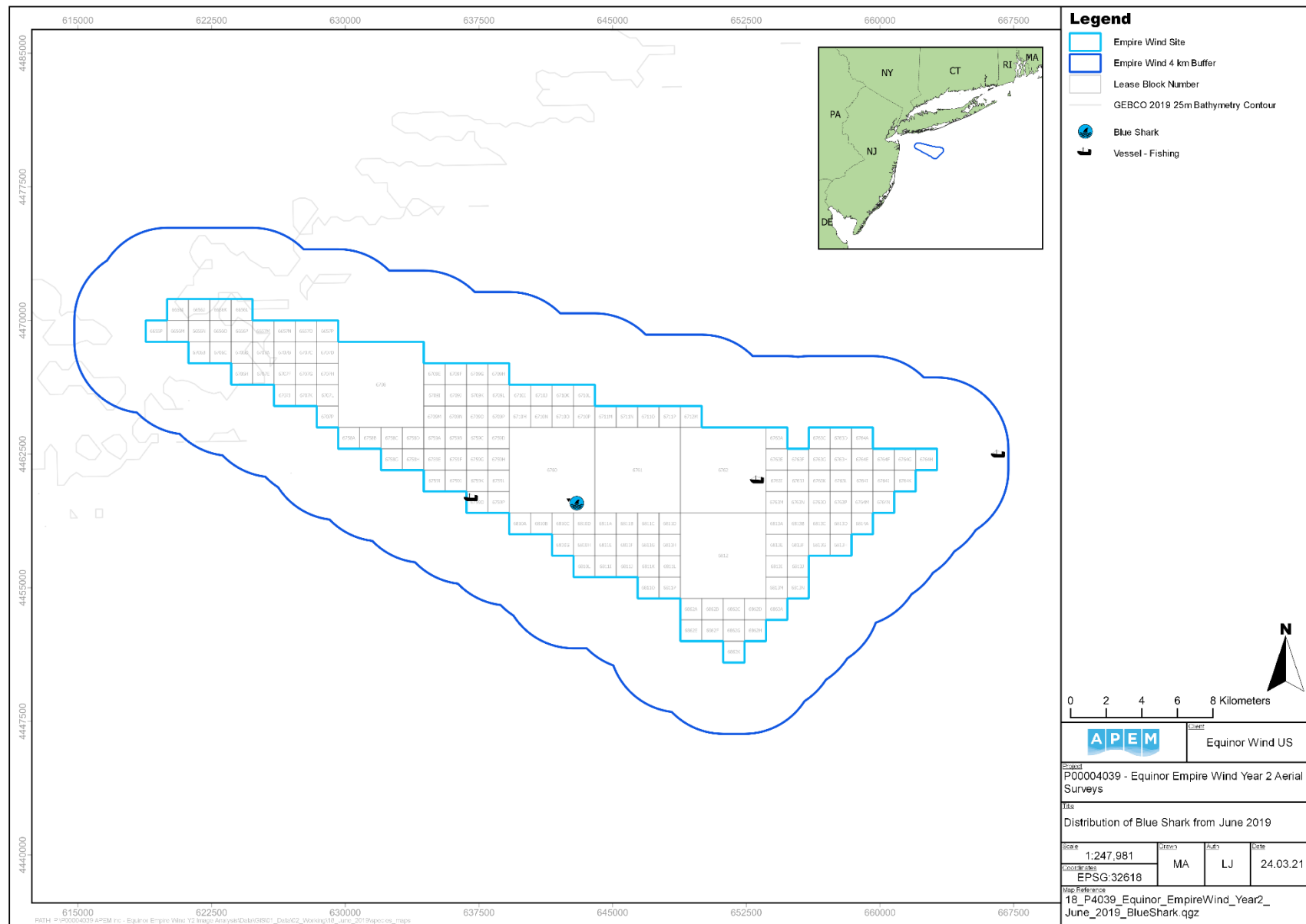


Figure 193 Distribution of blue shark recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

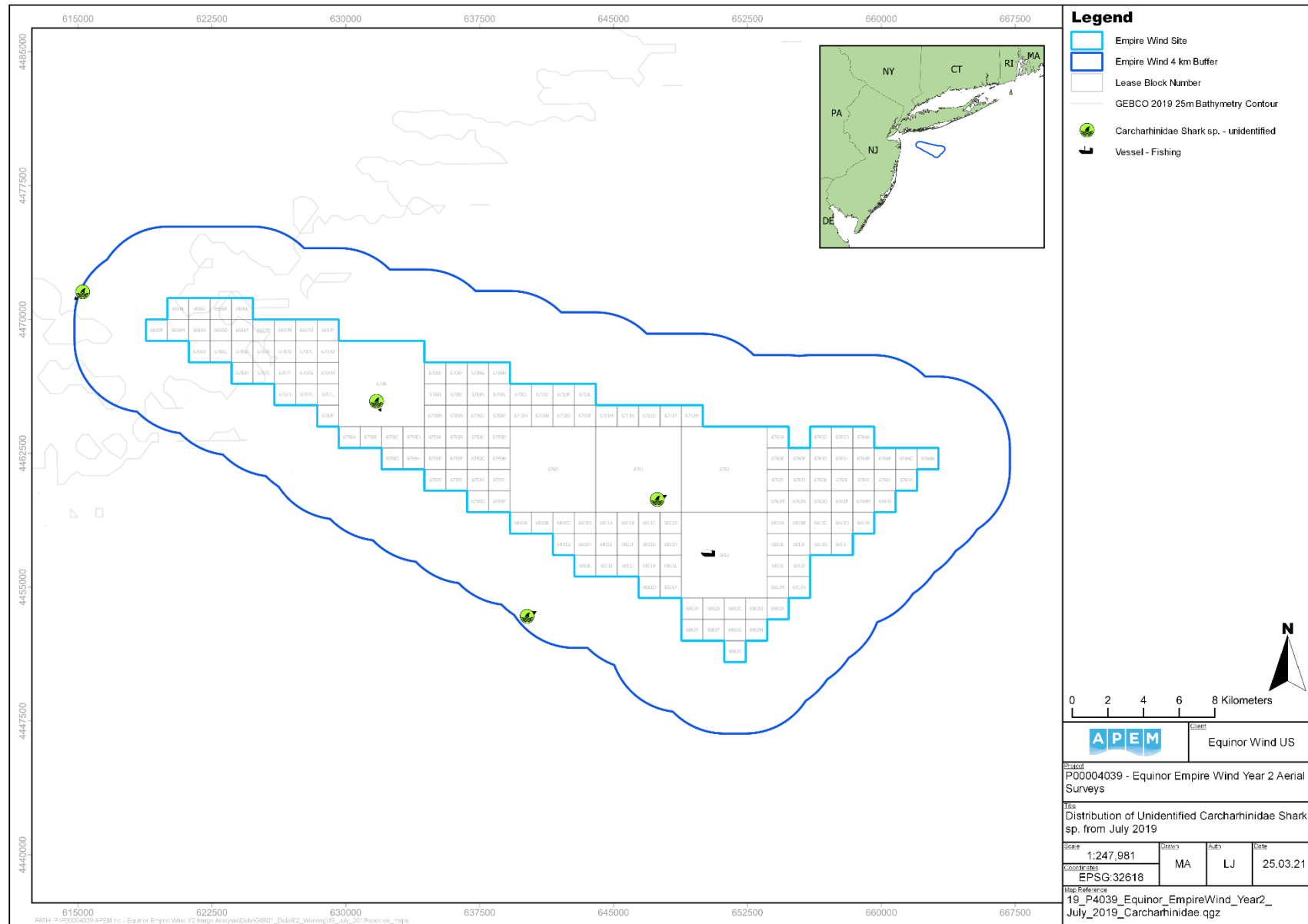


Figure 194 Distribution of unidentified Carcharhinidae shark species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

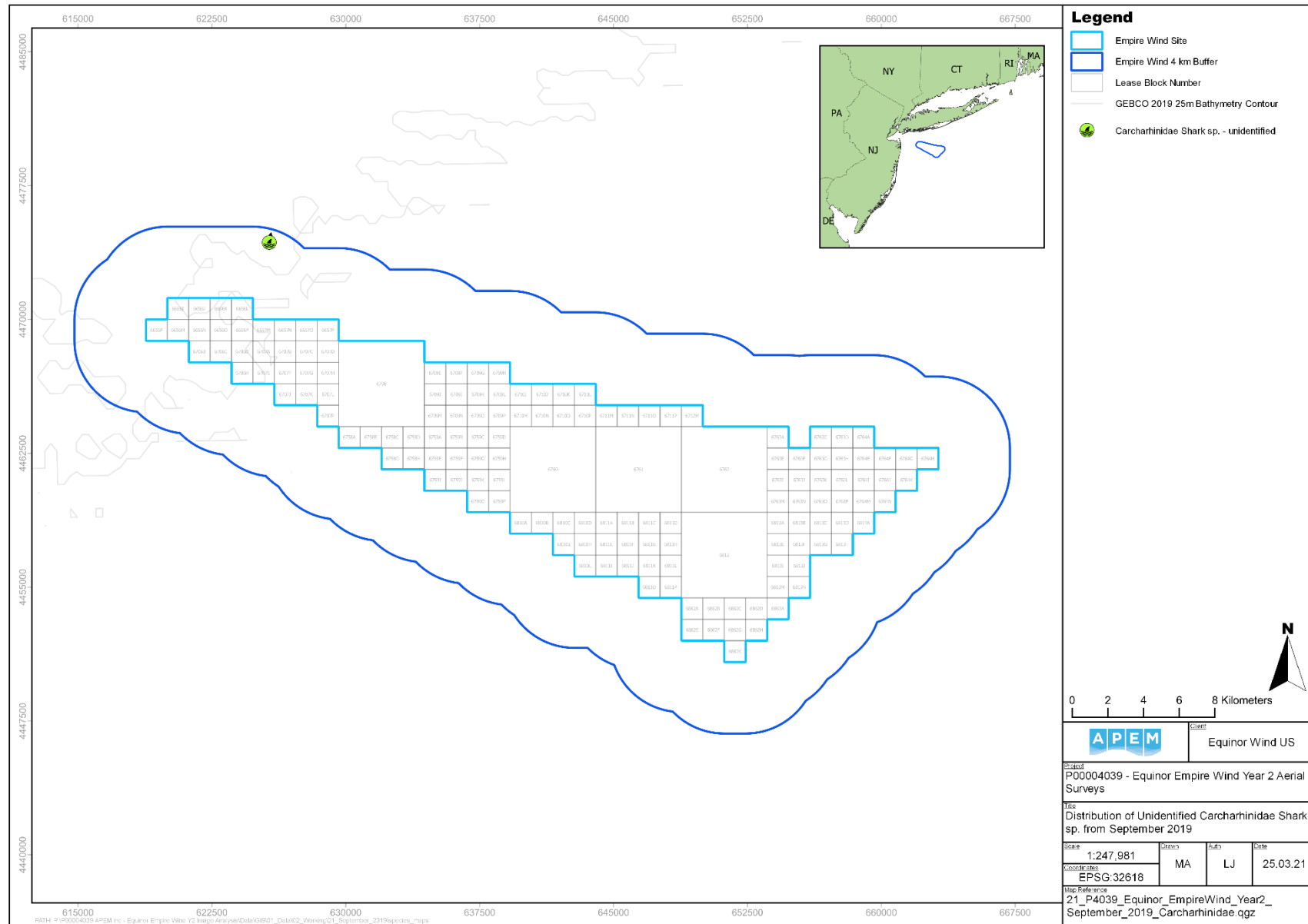


Figure 195 Distribution of unidentified Carcharhinidae shark species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

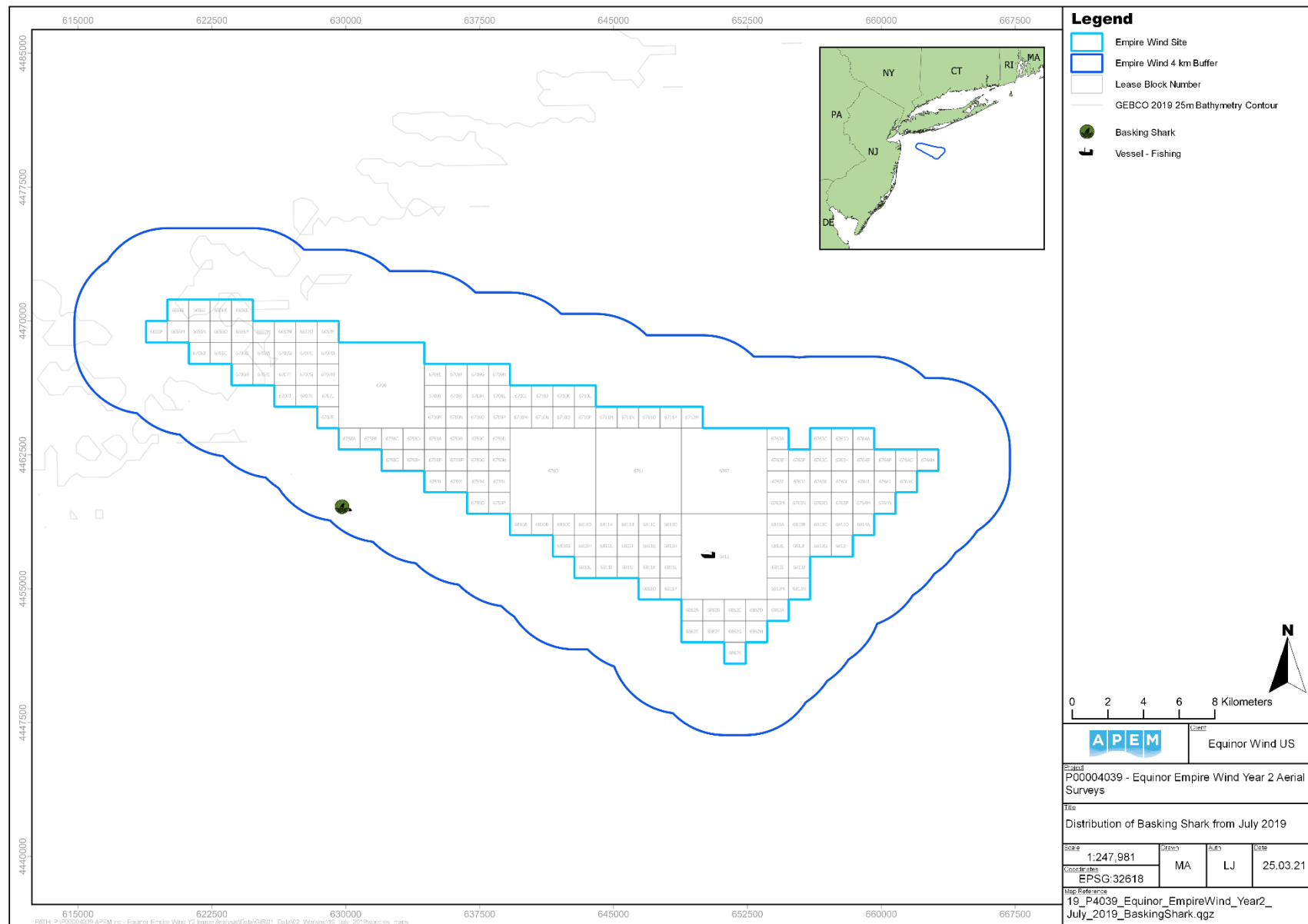


Figure 196 Distribution of basking shark recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

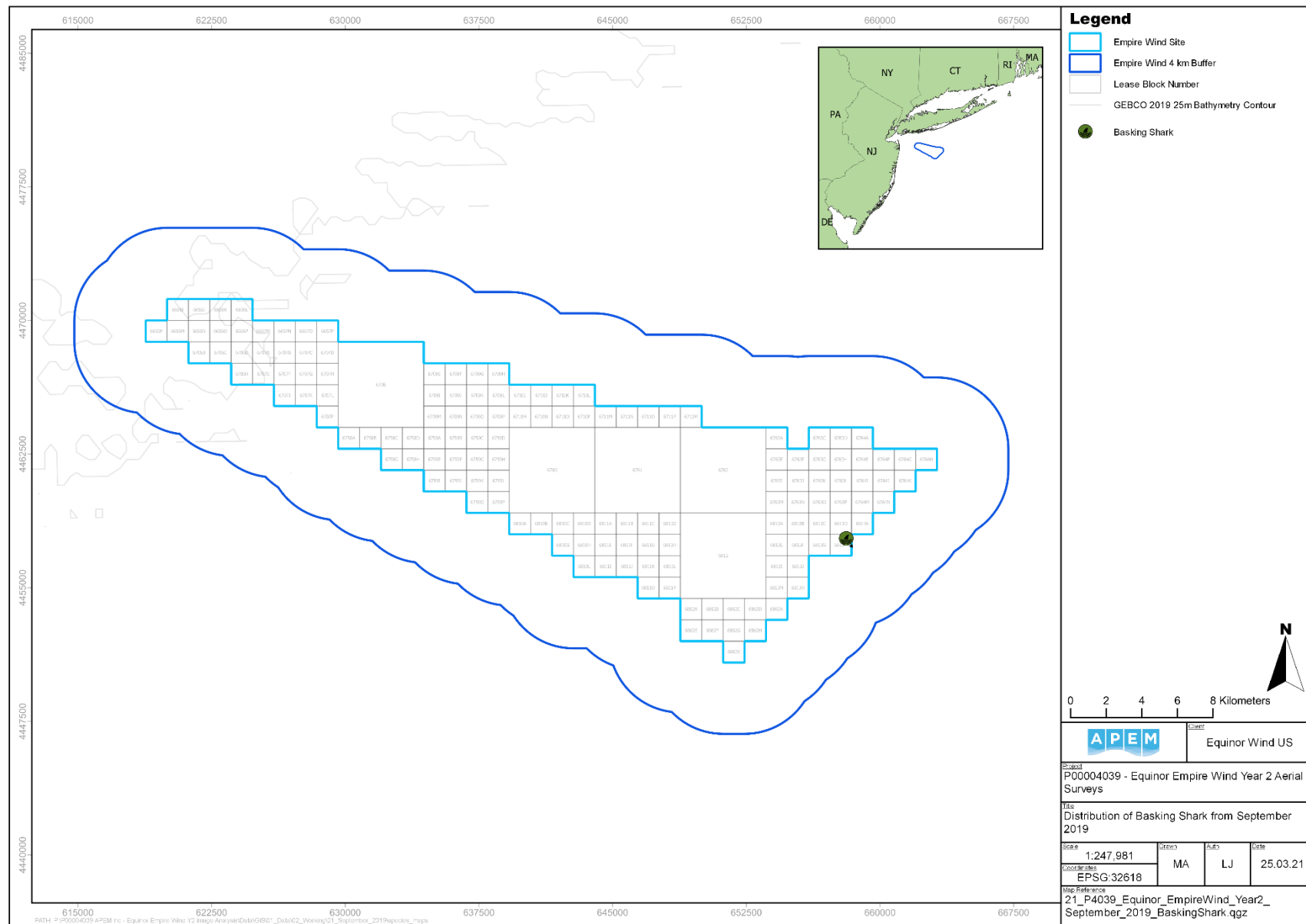


Figure 197 Distribution of basking shark recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

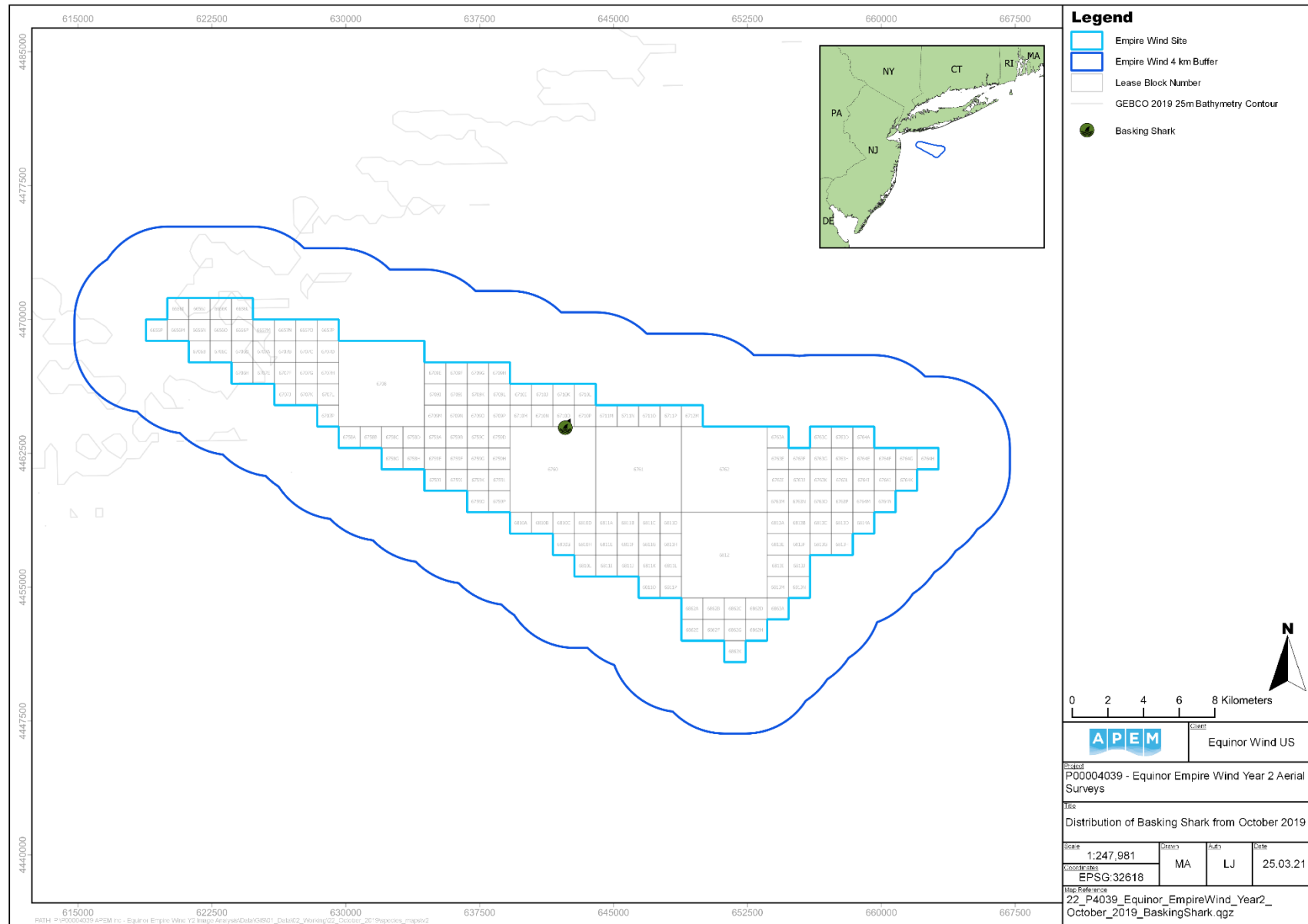


Figure 198 Distribution of basking shark recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 22

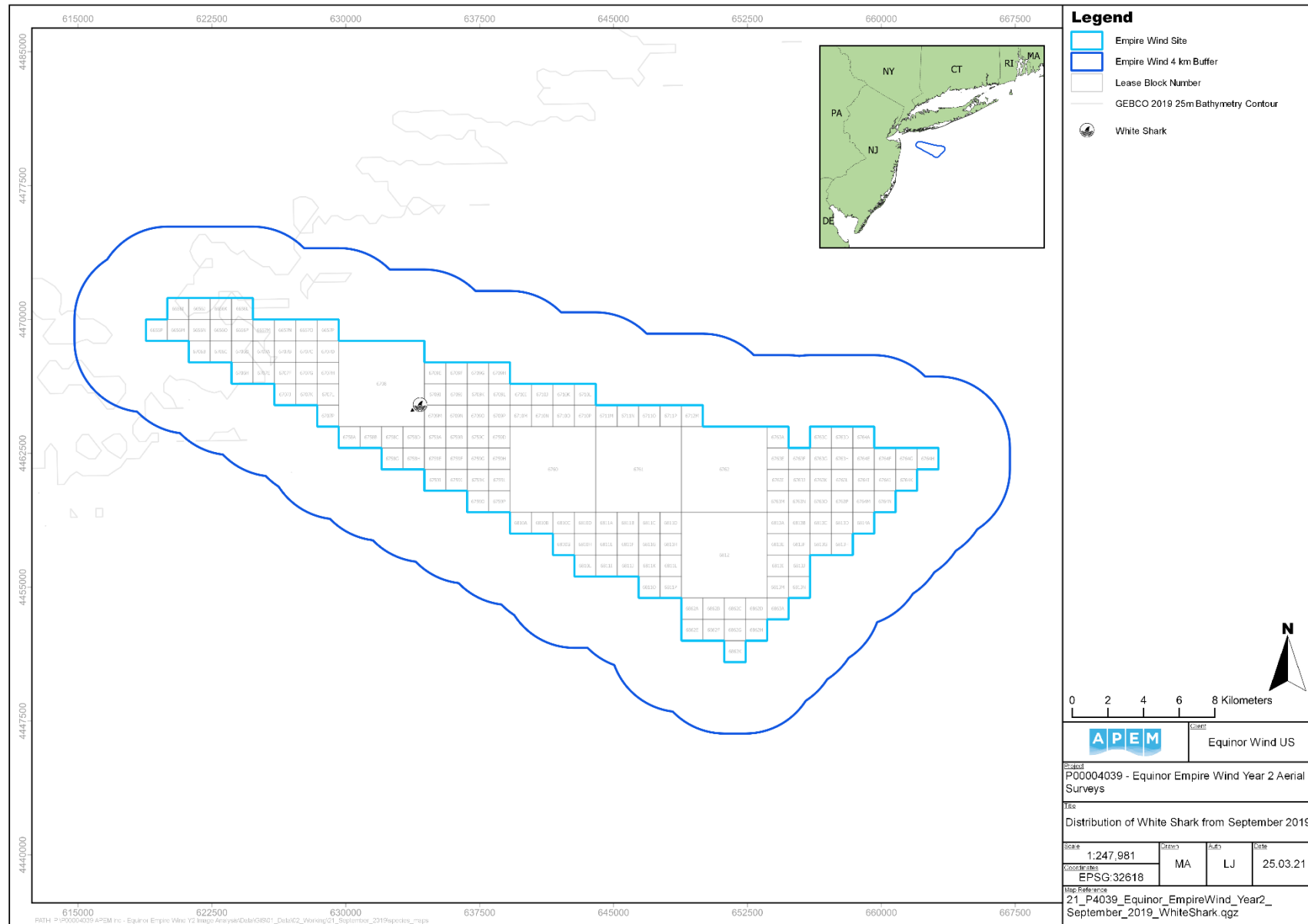


Figure 199 Distribution of white shark recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

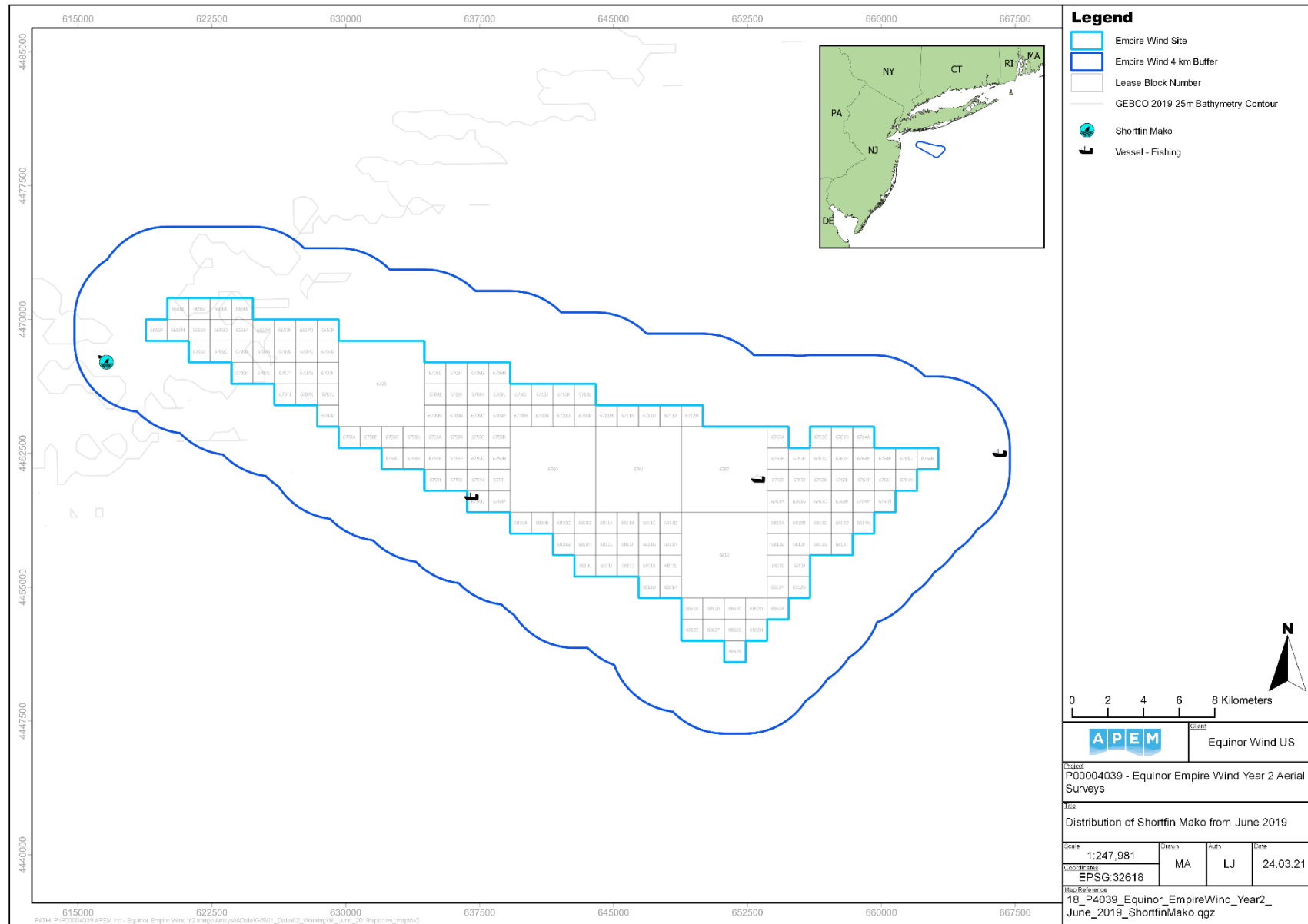


Figure 200 Distribution of shortfin mako recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

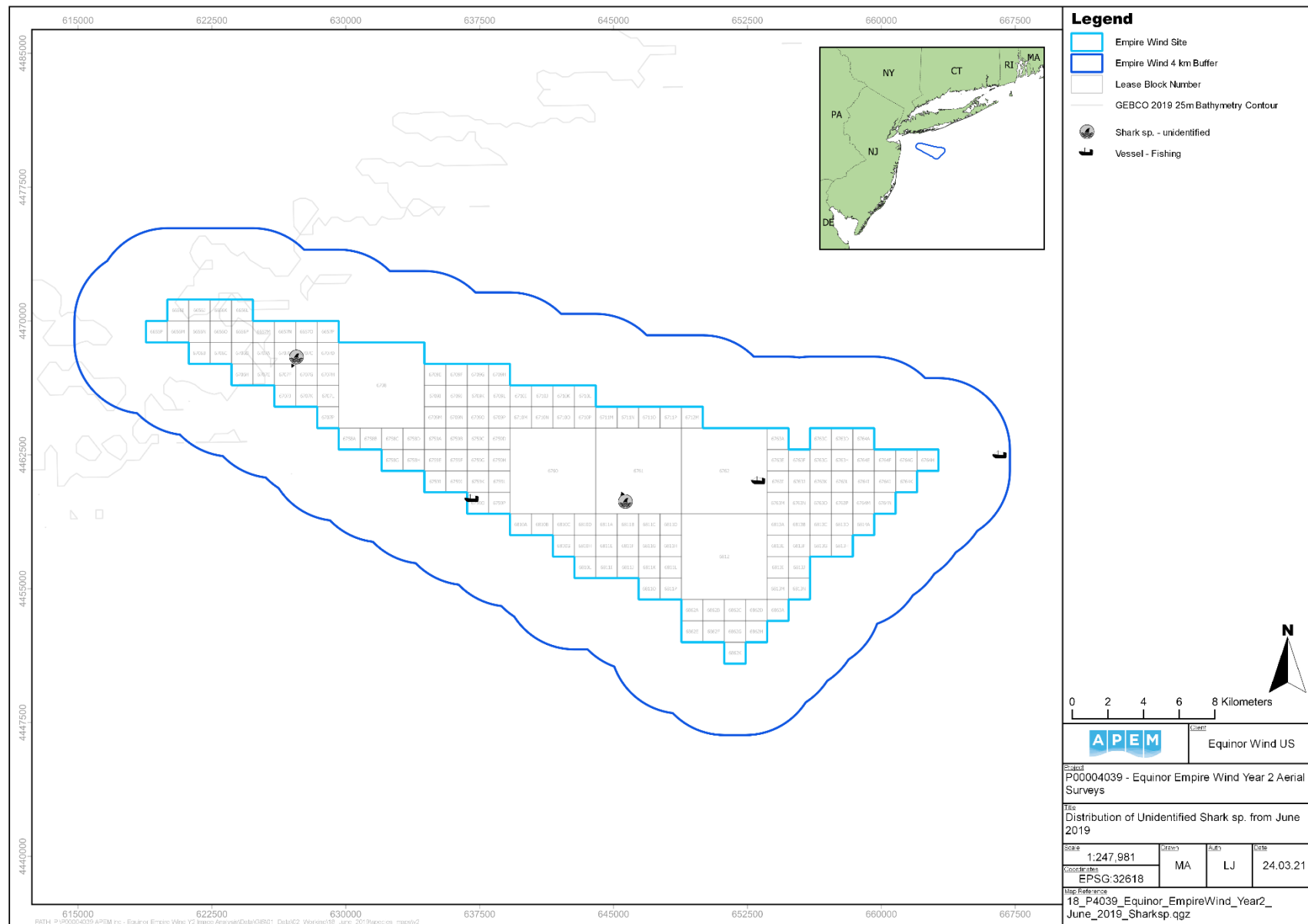


Figure 201 Distribution of unidentified shark species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 18

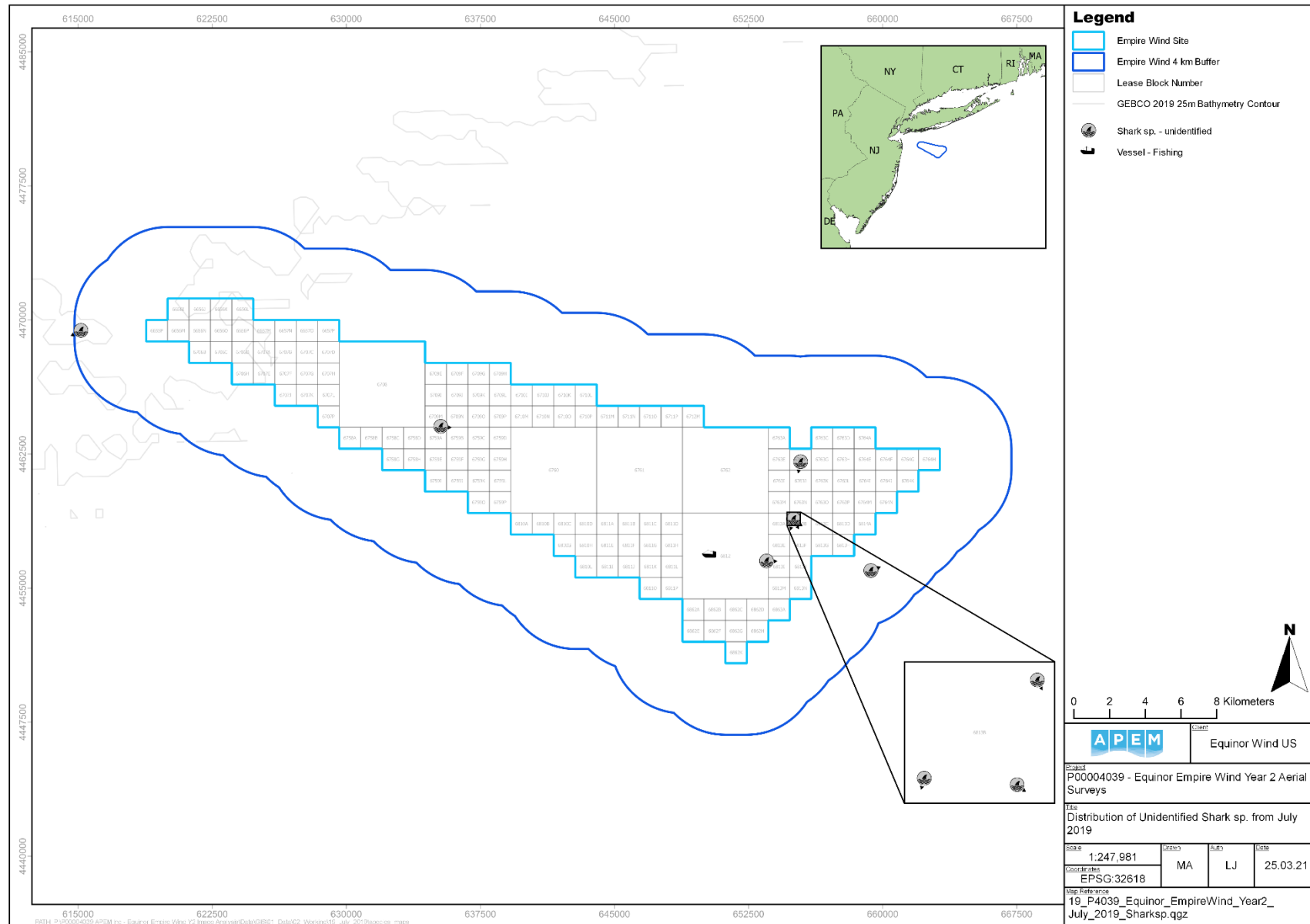


Figure 202 Distribution of unidentified shark species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

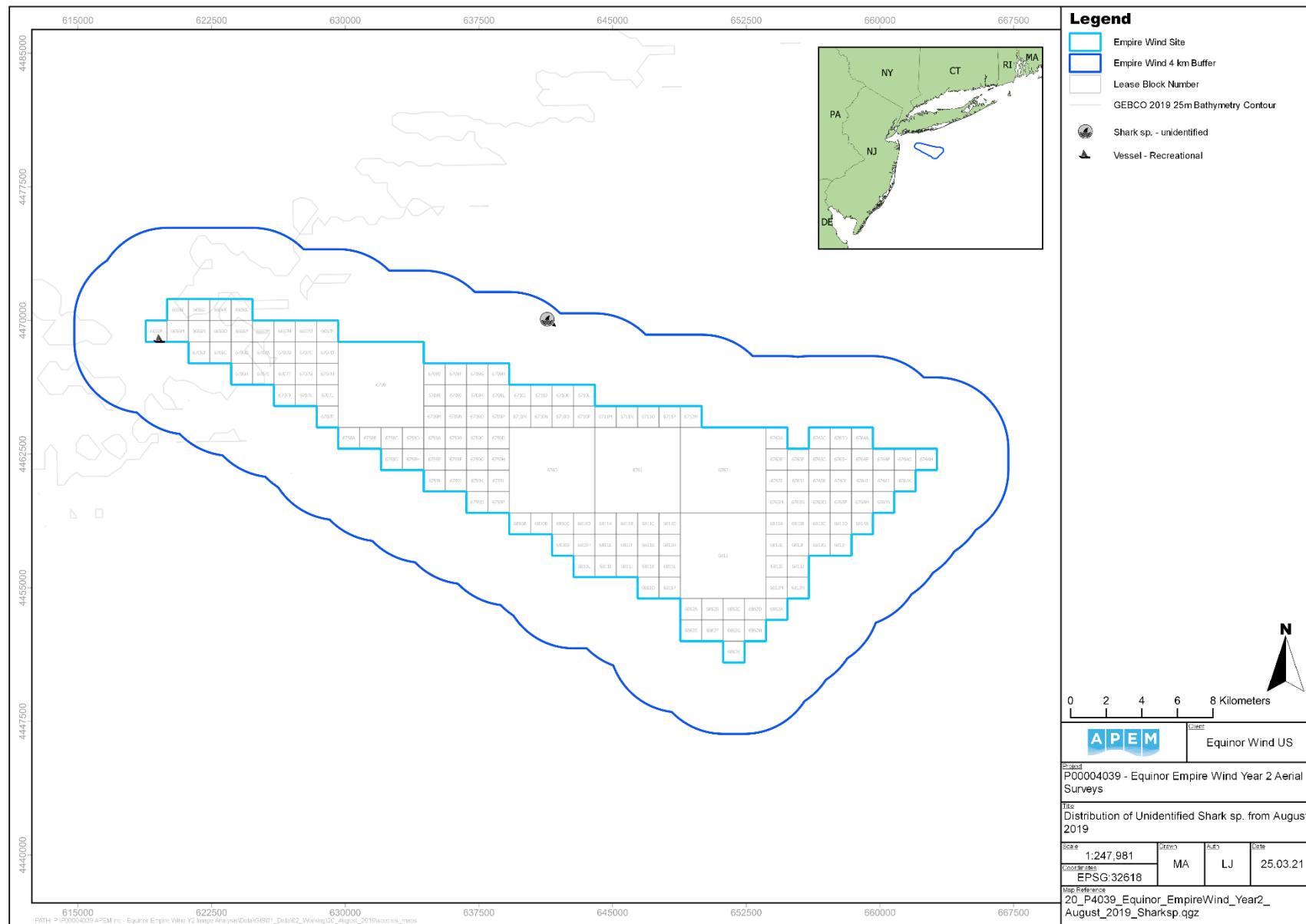


Figure 203 Distribution of unidentified shark species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 20

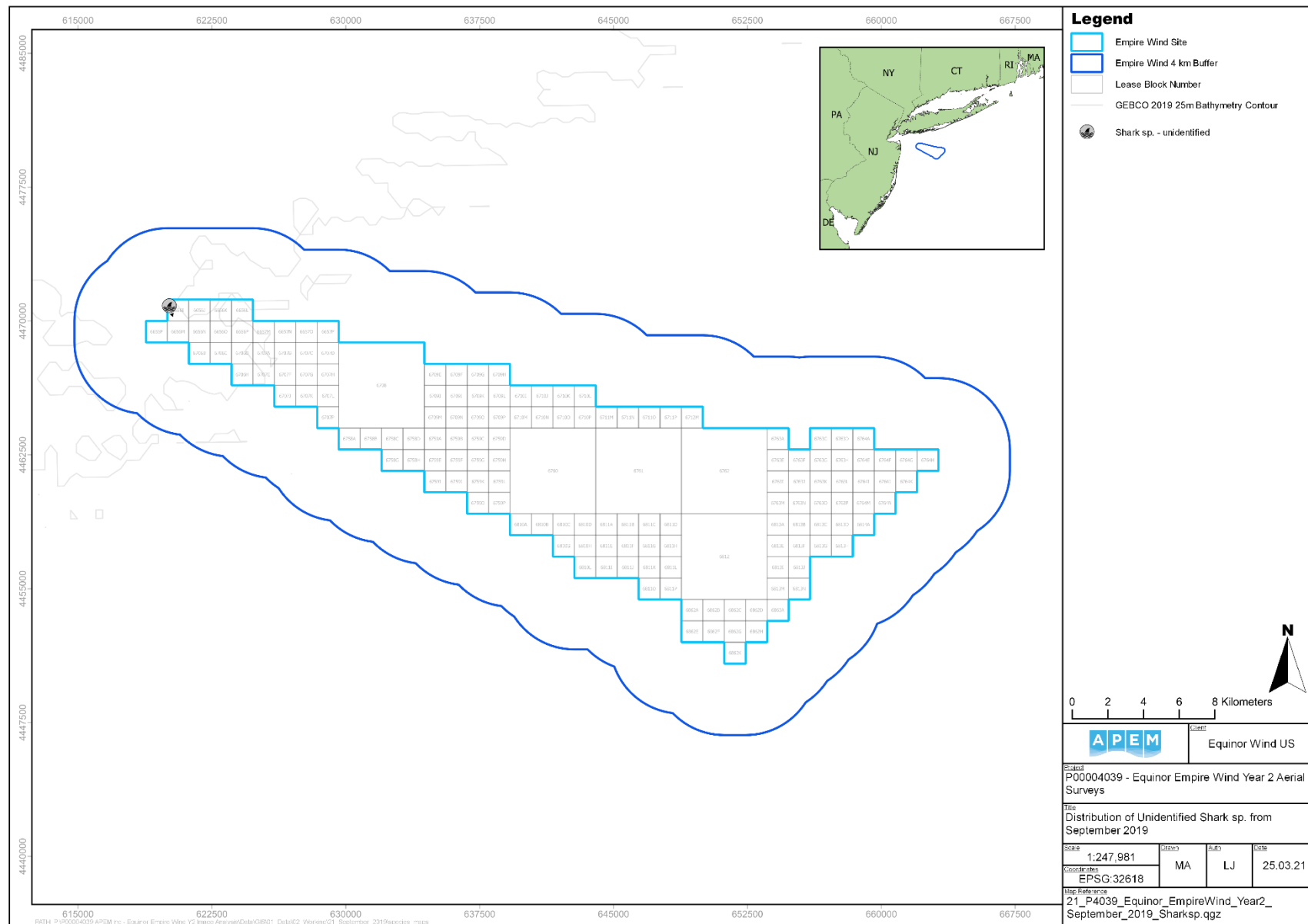


Figure 204 Distribution of unidentified shark species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

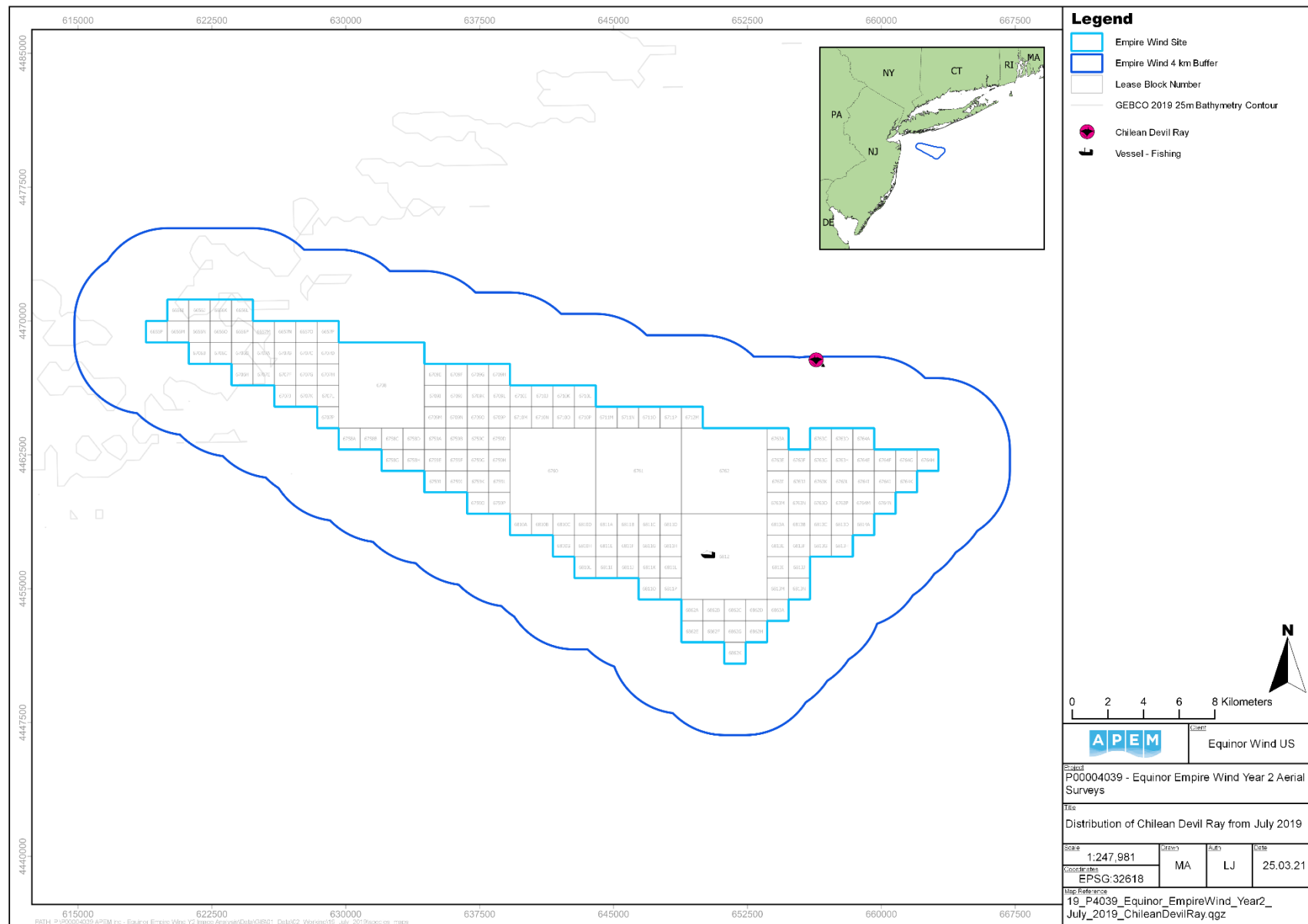


Figure 205

Distribution of Chilean devil ray recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19

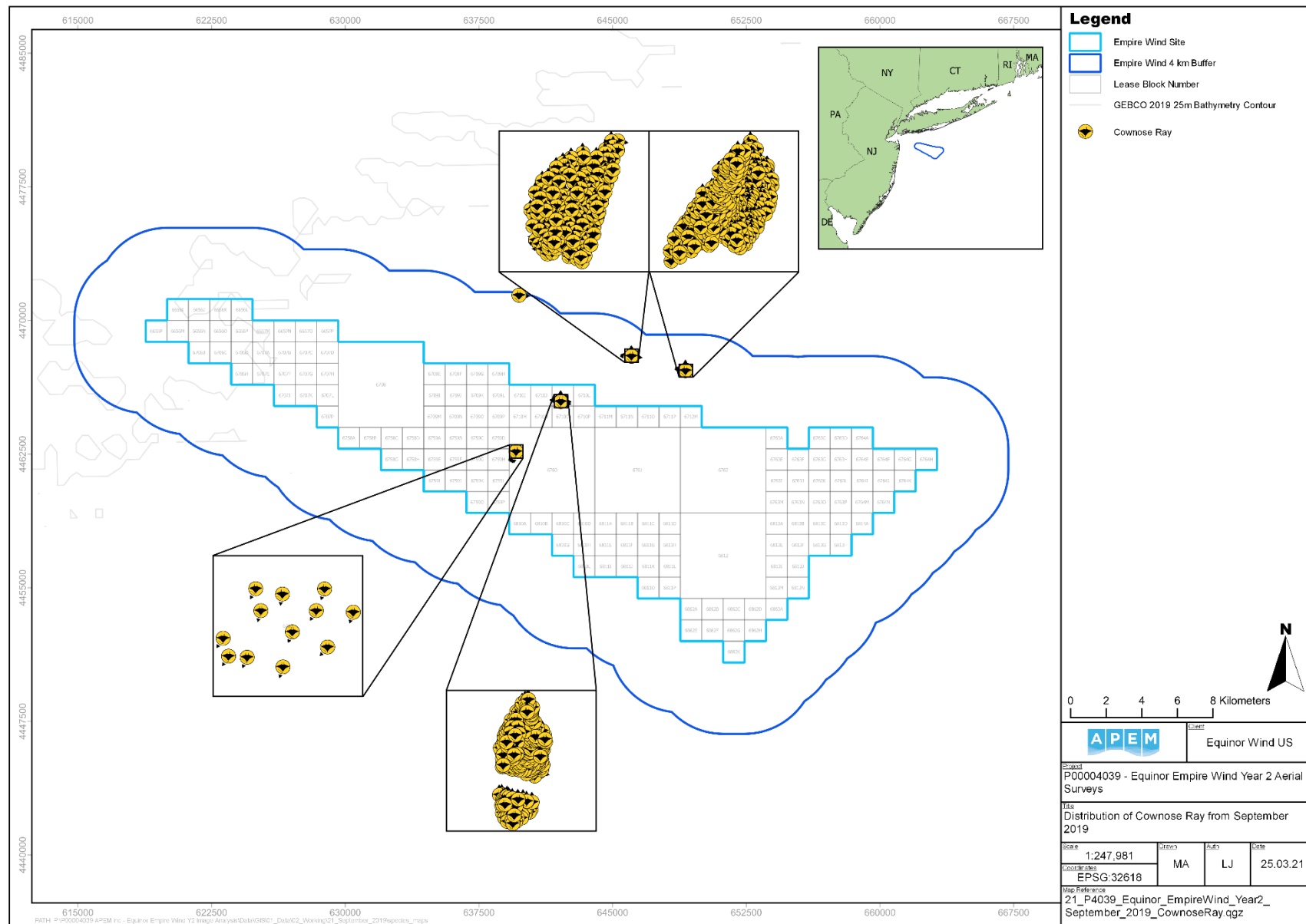


Figure 206 Distribution of cownose ray recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 21

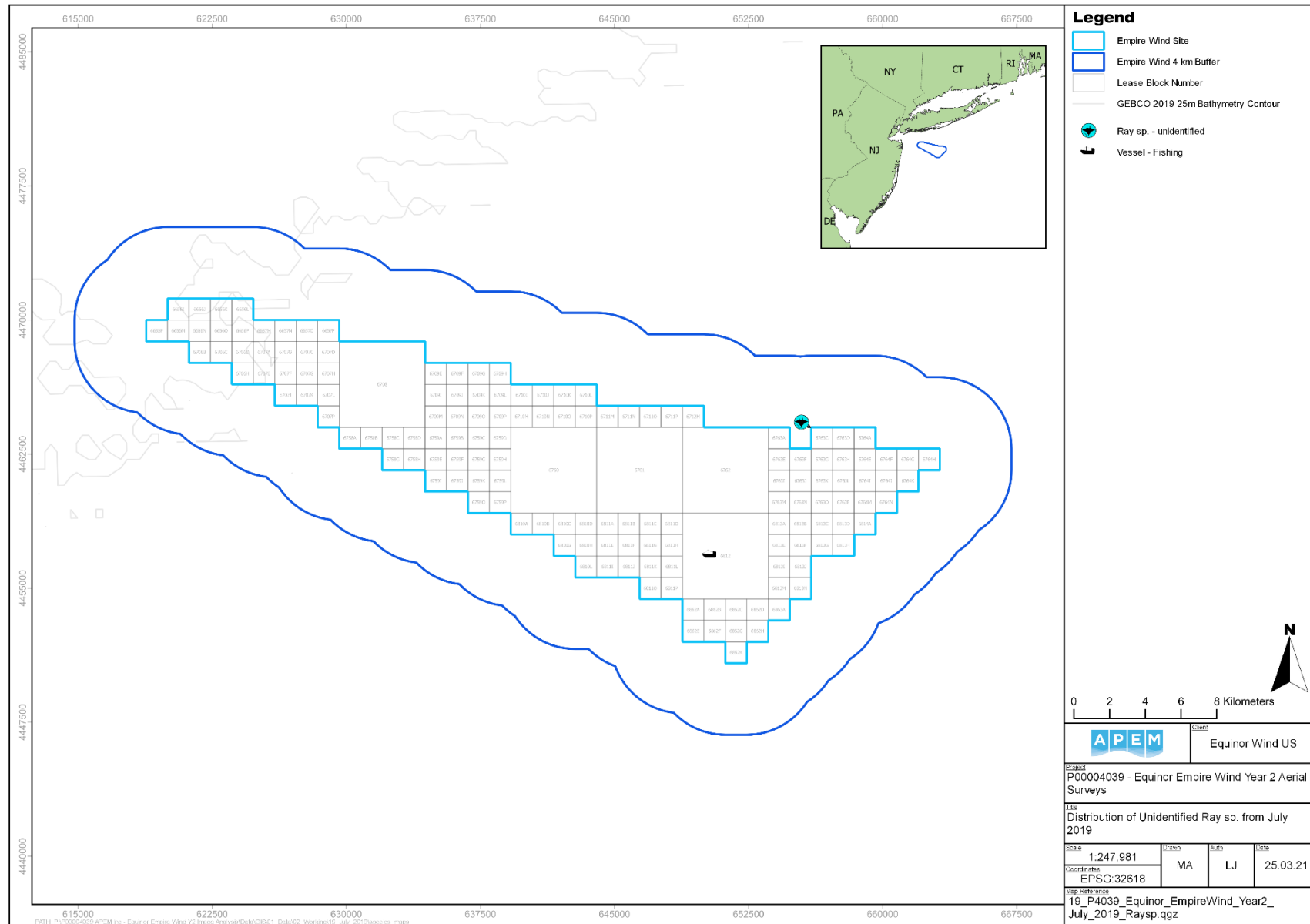


Figure 207 Distribution of unidentified ray species recorded in Lease Area OCS-A 0512 plus 4 km buffer from Survey 19