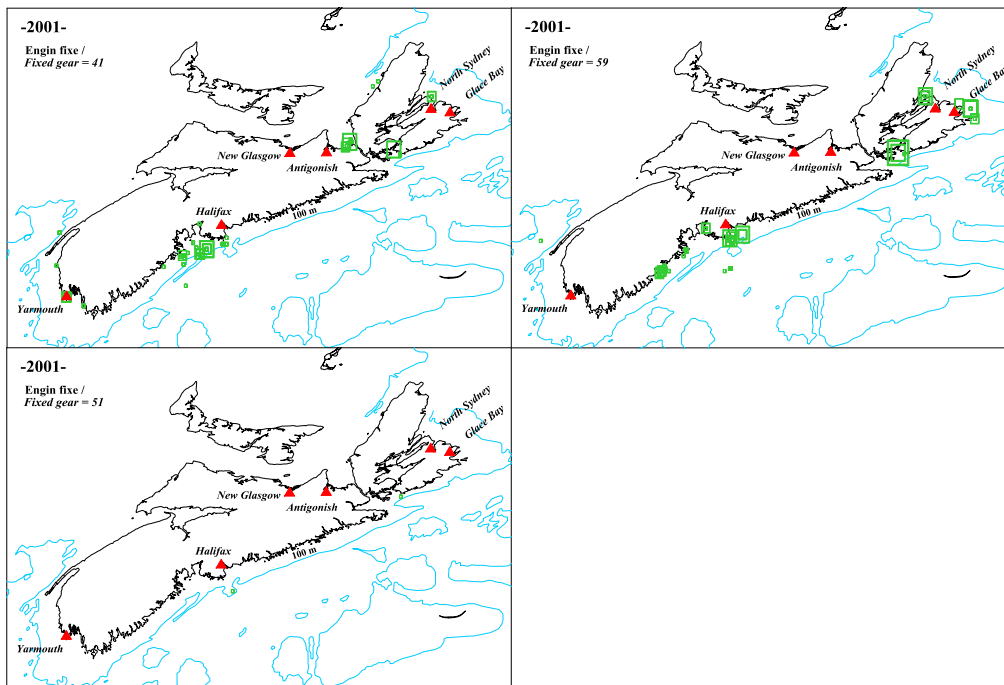
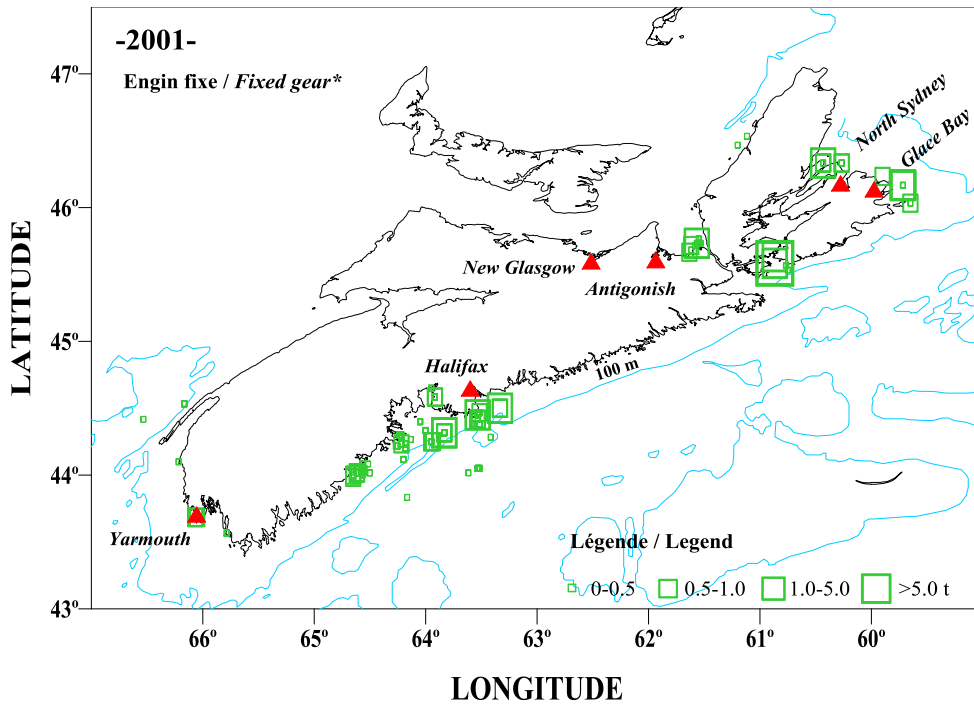


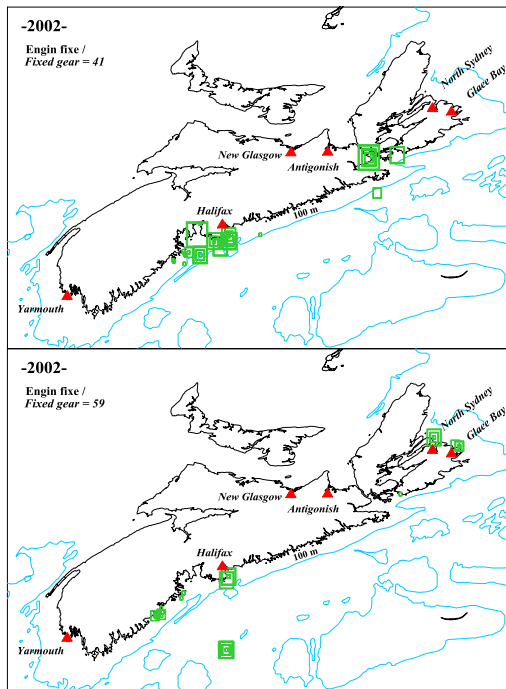
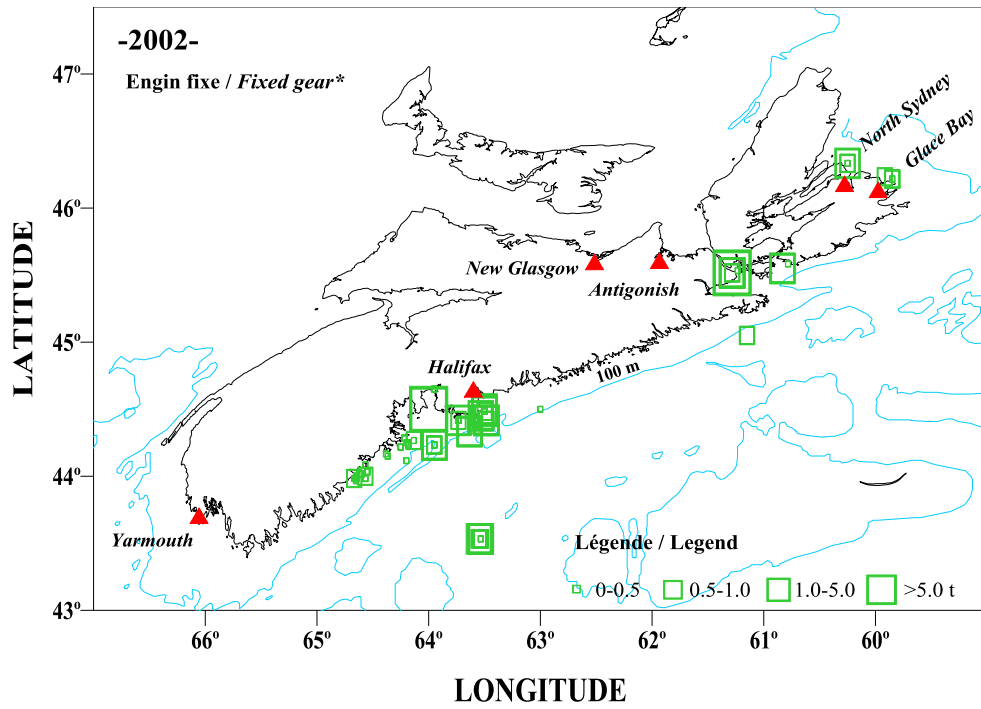
* 41= Filet maillant / Gillnet ; 51= Palangre / Longline ; 59= Ligne à la main / Handline ; 62= Casier / Pot

Figure 22. Atlantic mackerel catches (t) locations by fixed gear in Nova Scotia in 2000 (source : ZIFF files).



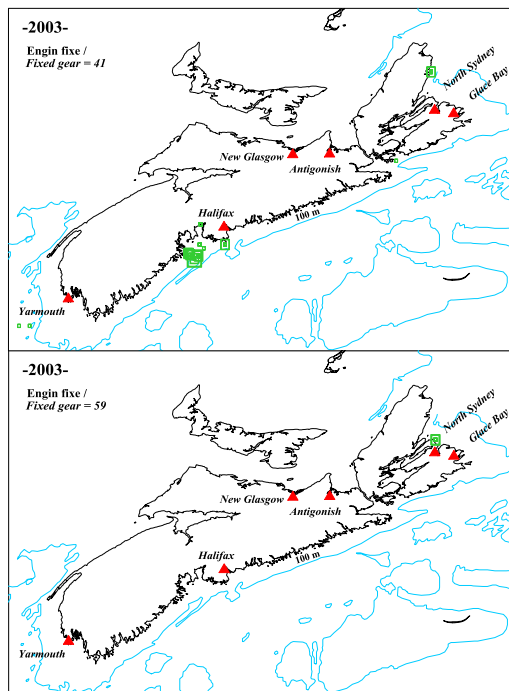
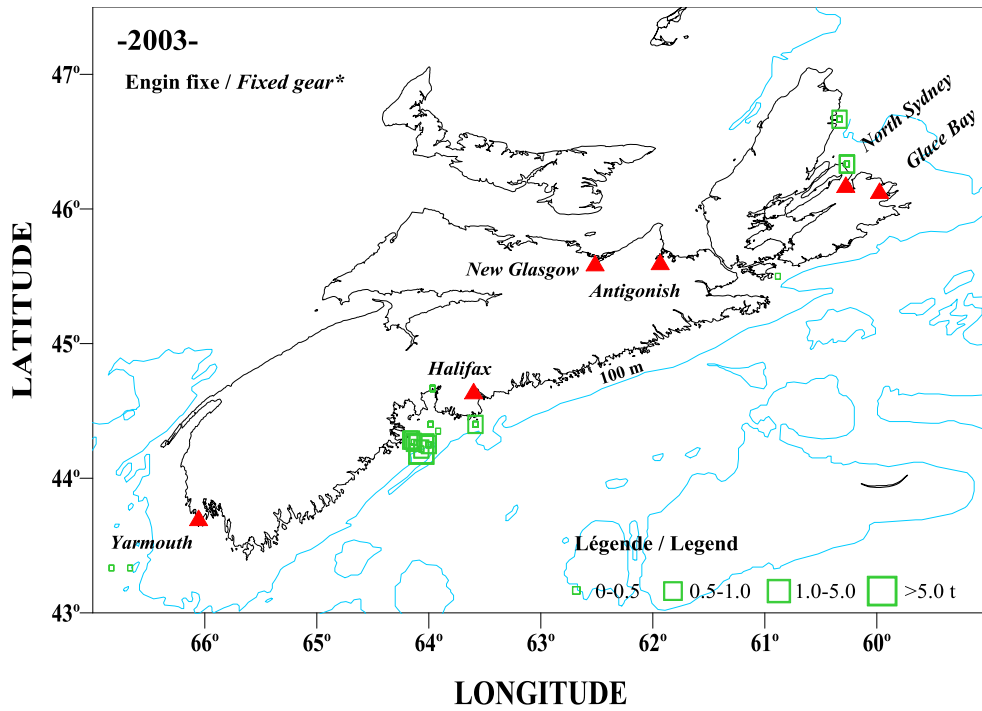
* 41= Filet maillant / Gillnet ; 51= Palangre / Longline ; 59= Ligne à la main / Handline

Figure 23. Atlantic mackerel catches (t) locations by fixed gear in Nova Scotia in 2001 (source : ZIFF files).



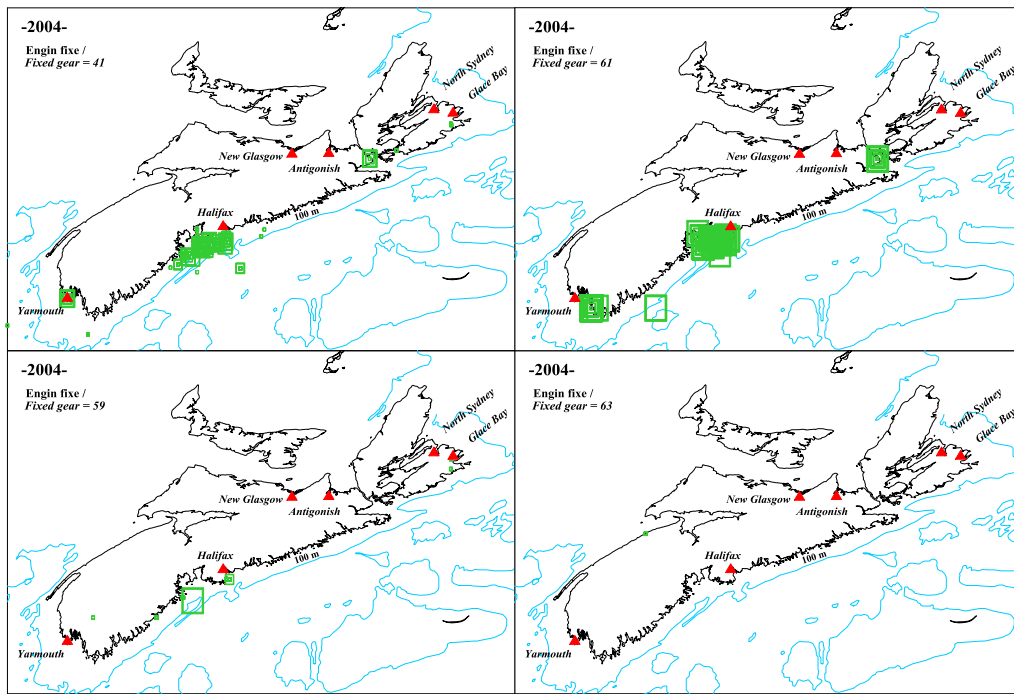
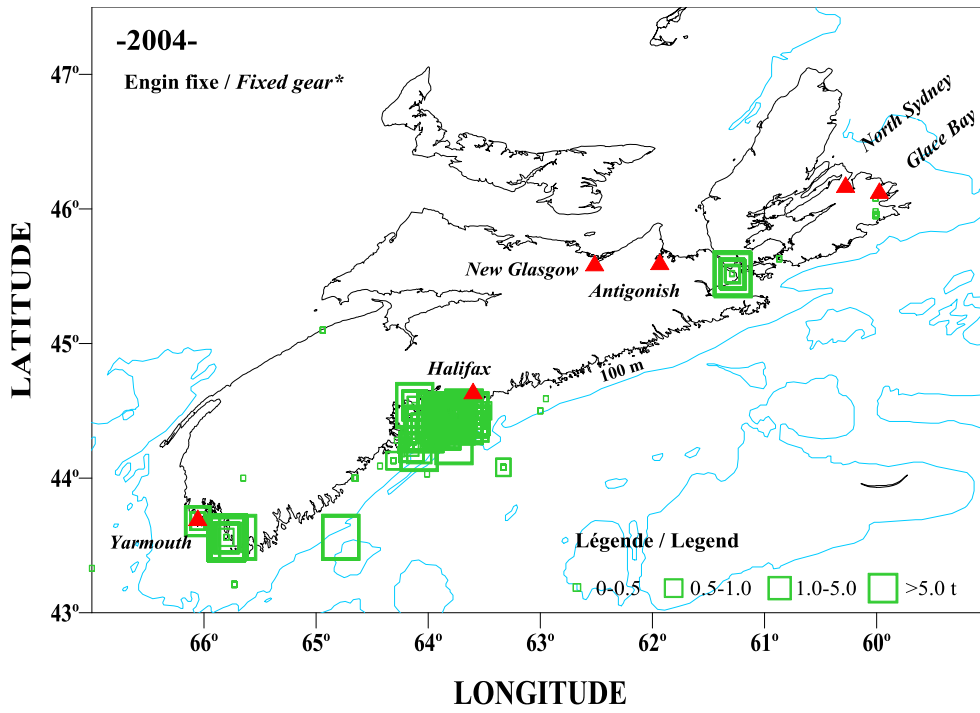
* 41= Filet maillant / Gillnet ; 59= Ligne à la main / Handline

Figure 24. Atlantic mackerel catches (t) locations by fixed gear in Nova Scotia in 2002 (source : ZIFF files).



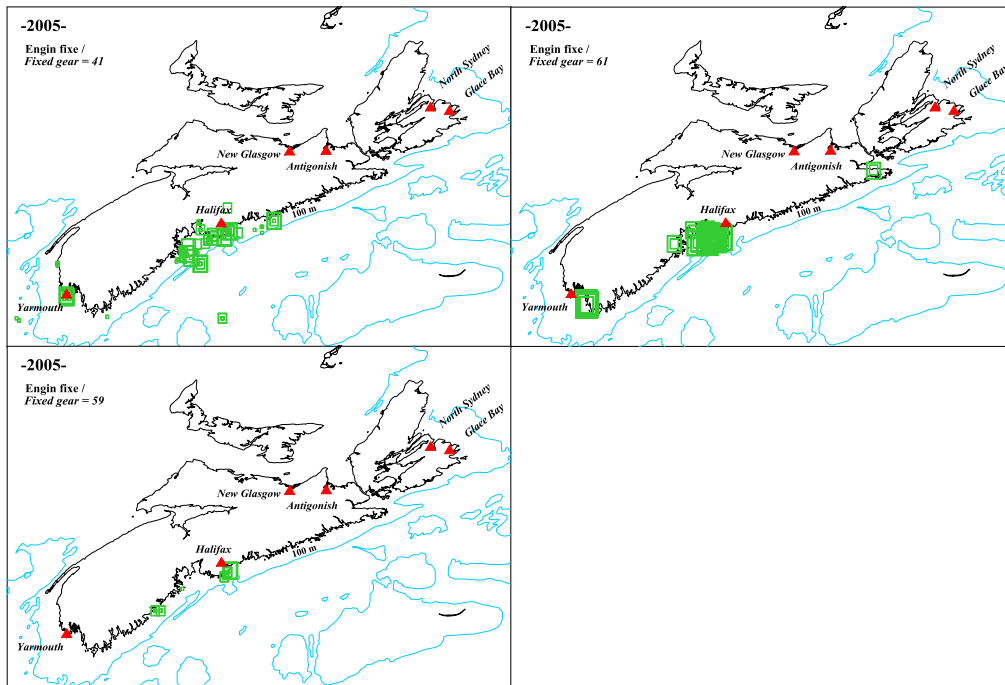
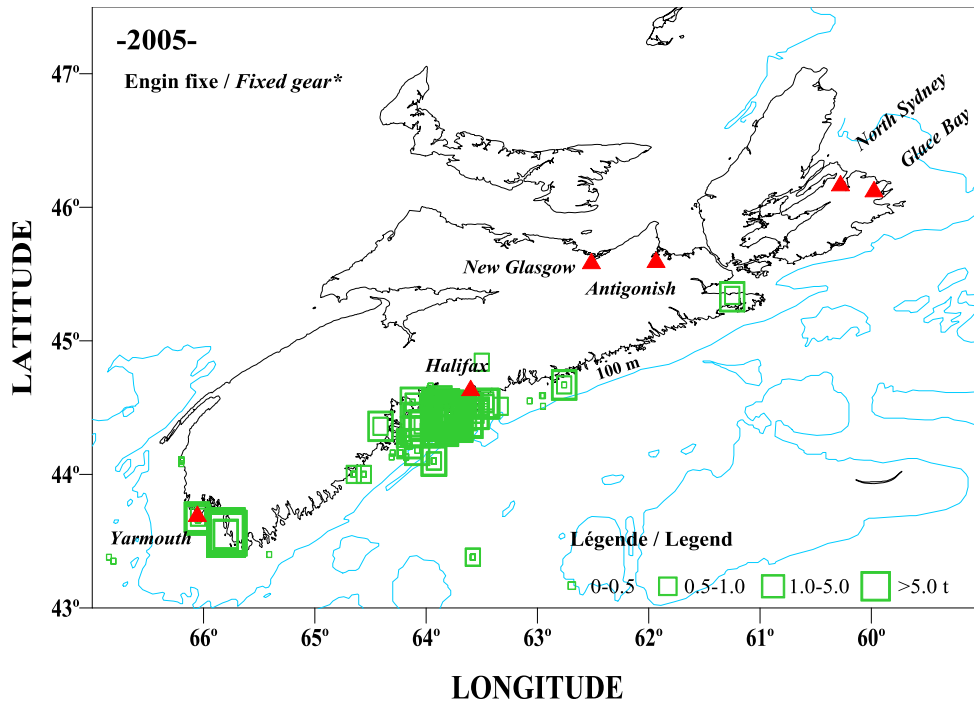
* 41= Filet maillant / Gillnet ; 59= Ligne à la main / Handline

Figure 25. Atlantic mackerel catches (t) locations by fixed gear in Nova Scotia in 2003 (source : ZIFF files).



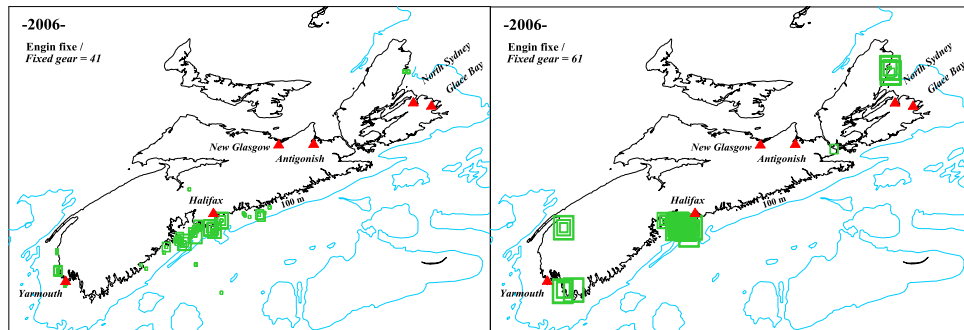
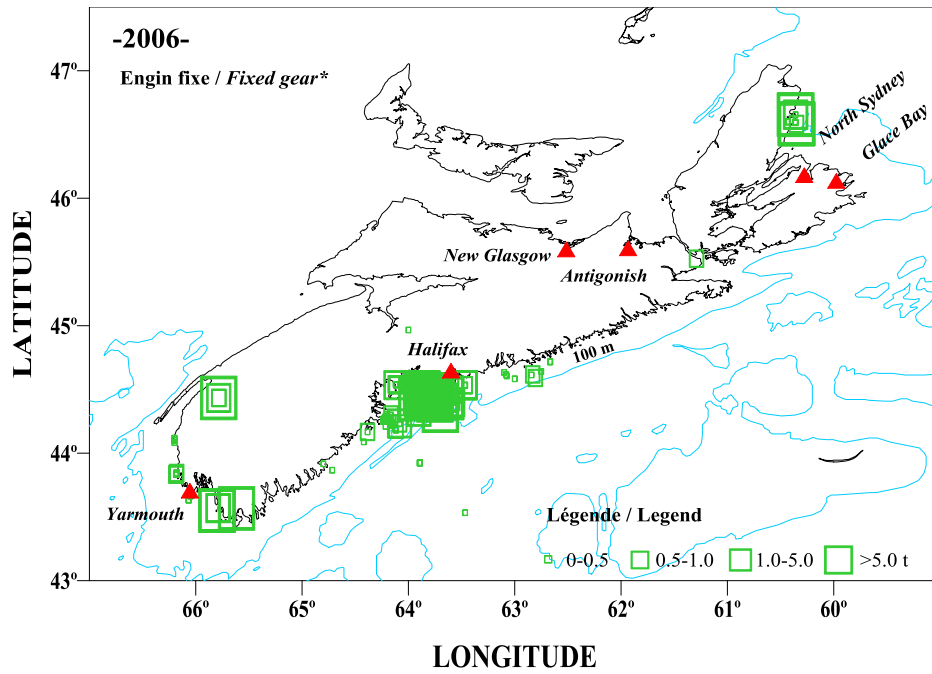
* 41= Filet maillant / Gillnet ; 59= Ligne à la main / Handline ; 61= Trappe / Trap ; 63= Fascine / Weir

Figure 26. Atlantic mackerel catches (t) locations by fixed gear in Nova Scotia in 2004 (source : ZIFF files).



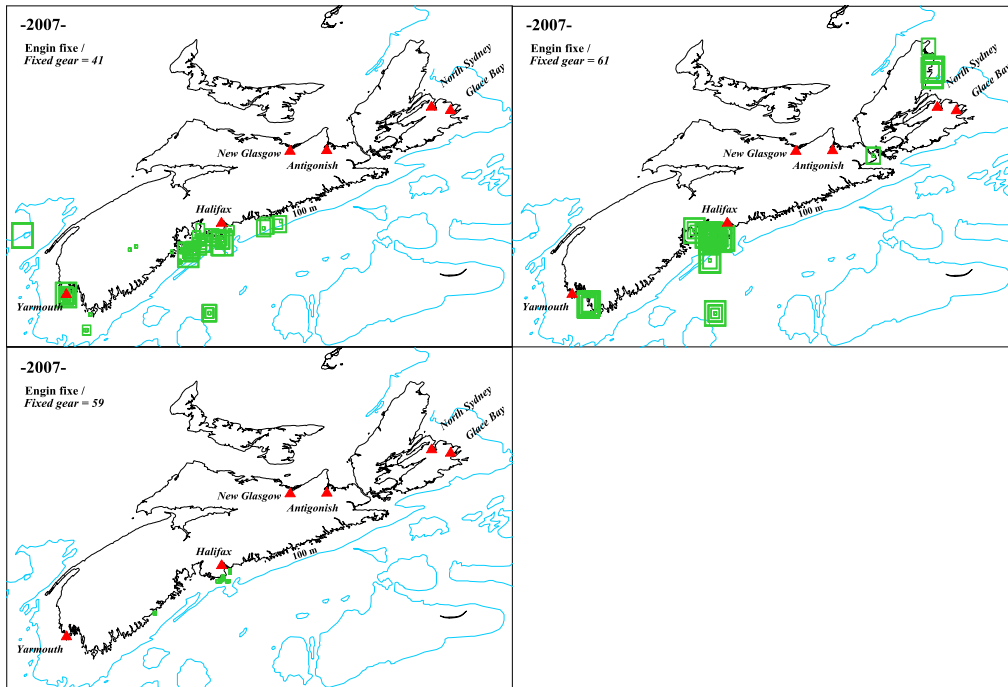
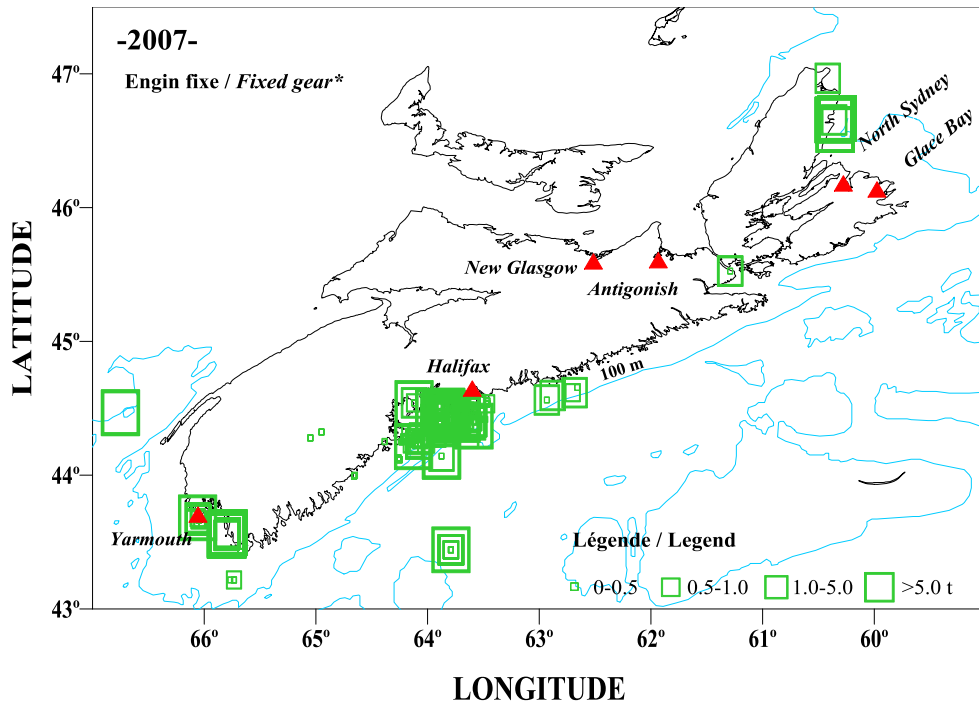
* 41= Filet maillant / Gillnet ; 59= Ligne à la main / Handline ; 61= Trappe / Trap

Figure 27. Atlantic mackerel catches (t) locations by fixed gear in Nova Scotia in 2005 (source : ZIFF files).



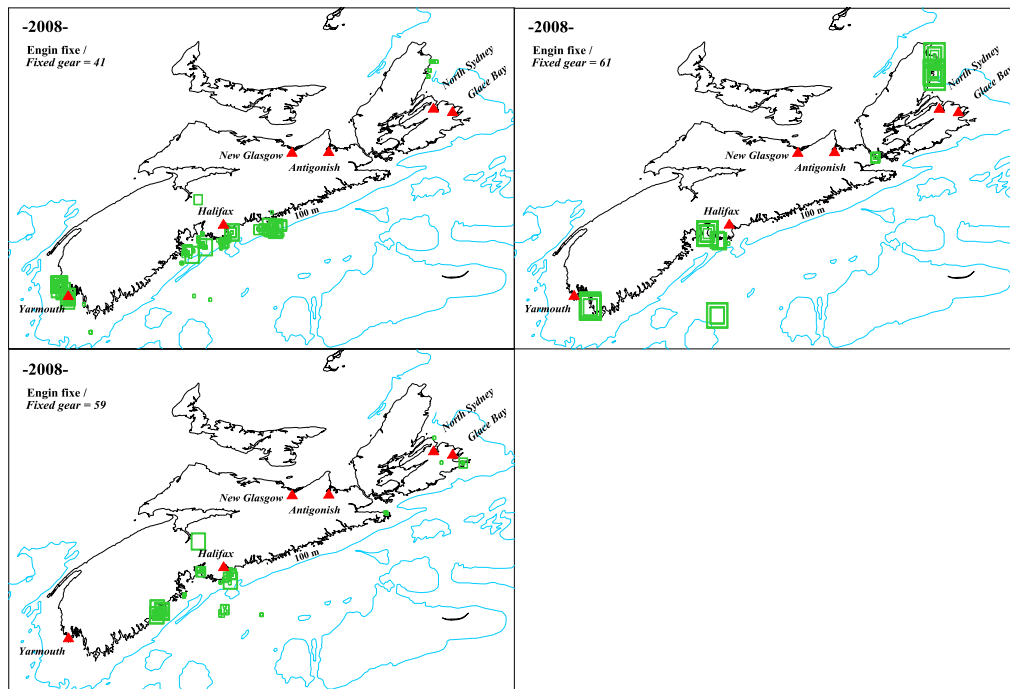
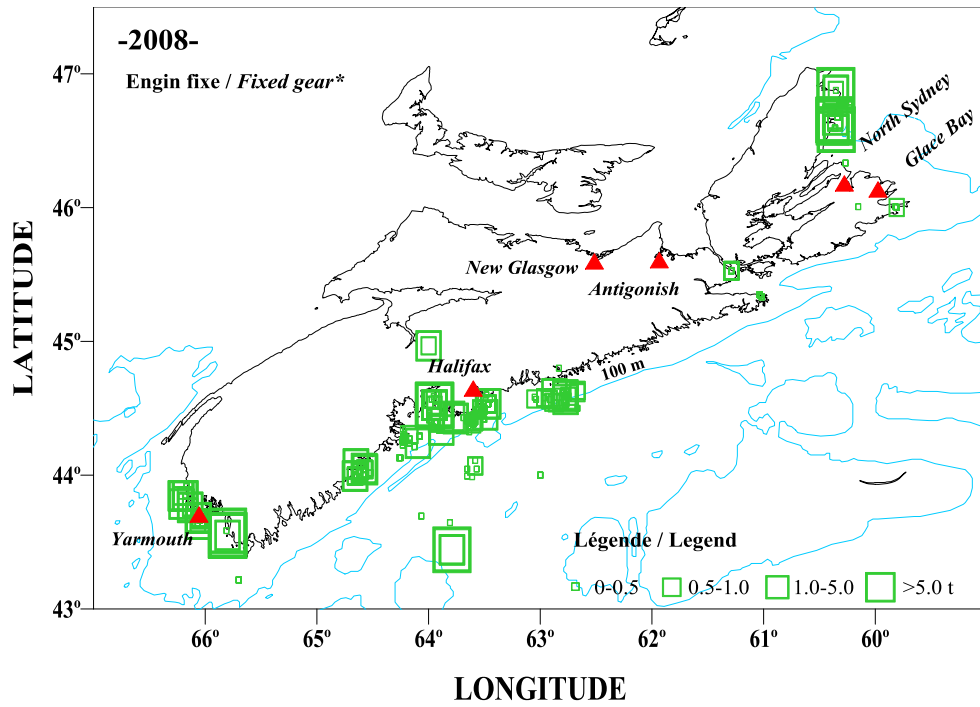
* 41= Filet maillant / Gillnet ; 61= Trappe / Trap

Figure 28. Atlantic mackerel catches (t) locations by fixed gear in Nova Scotia in 2006 (source : ZIFF files).



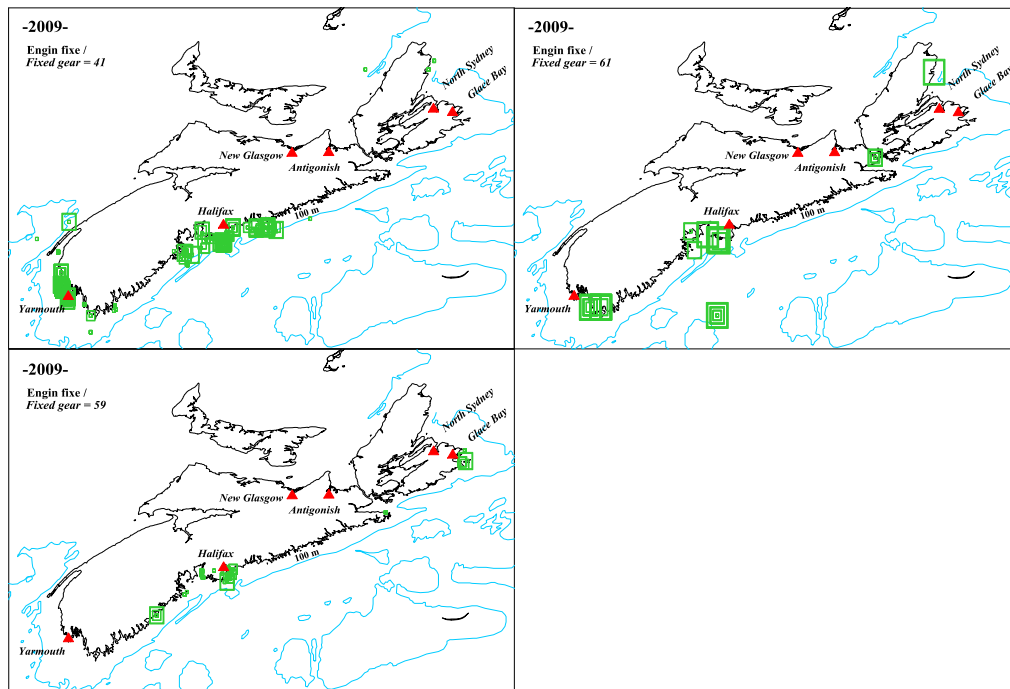
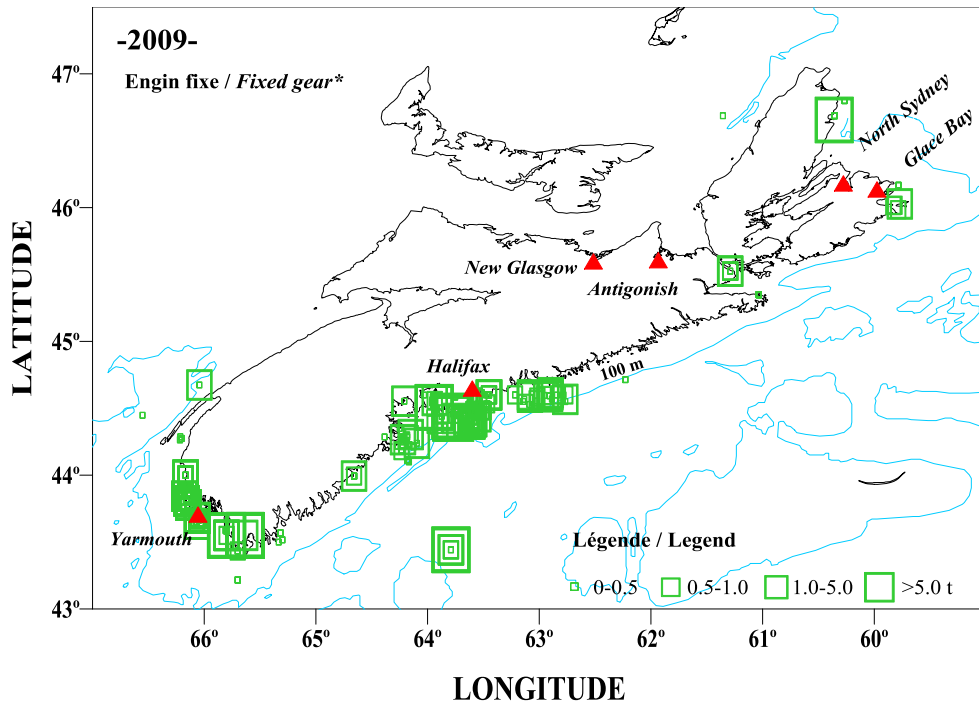
* 41= Filet maillant / Gillnet ; 59= Ligne à la main / Handline ; 61= Trappe / Trap

Figure 29. Atlantic mackerel catches (t) locations by fixed gear in Nova Scotia in 2007 (source : ZIFF files).



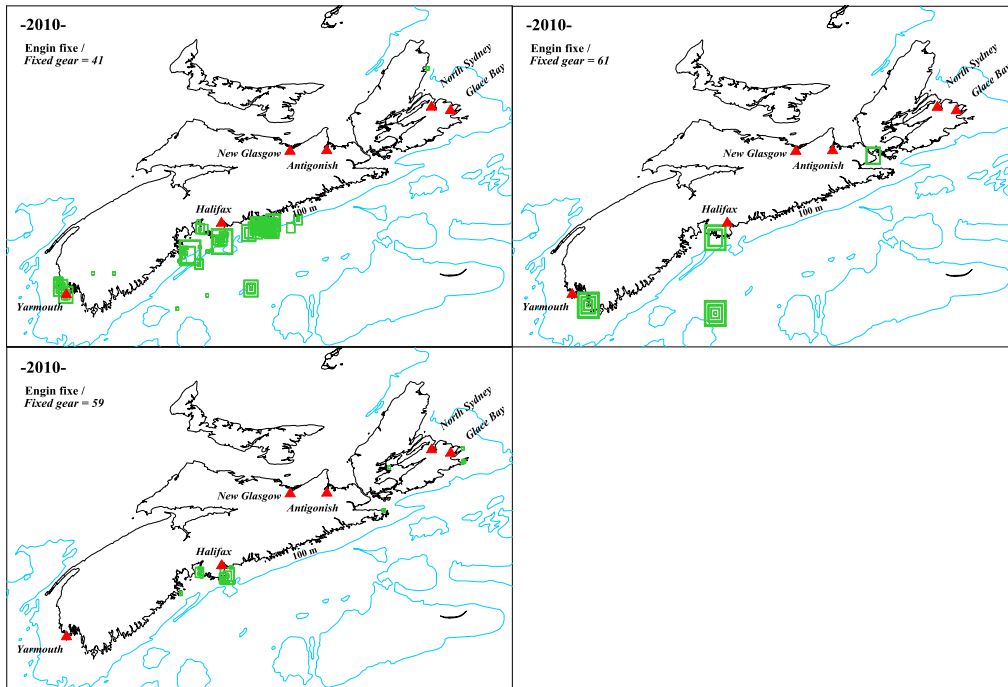
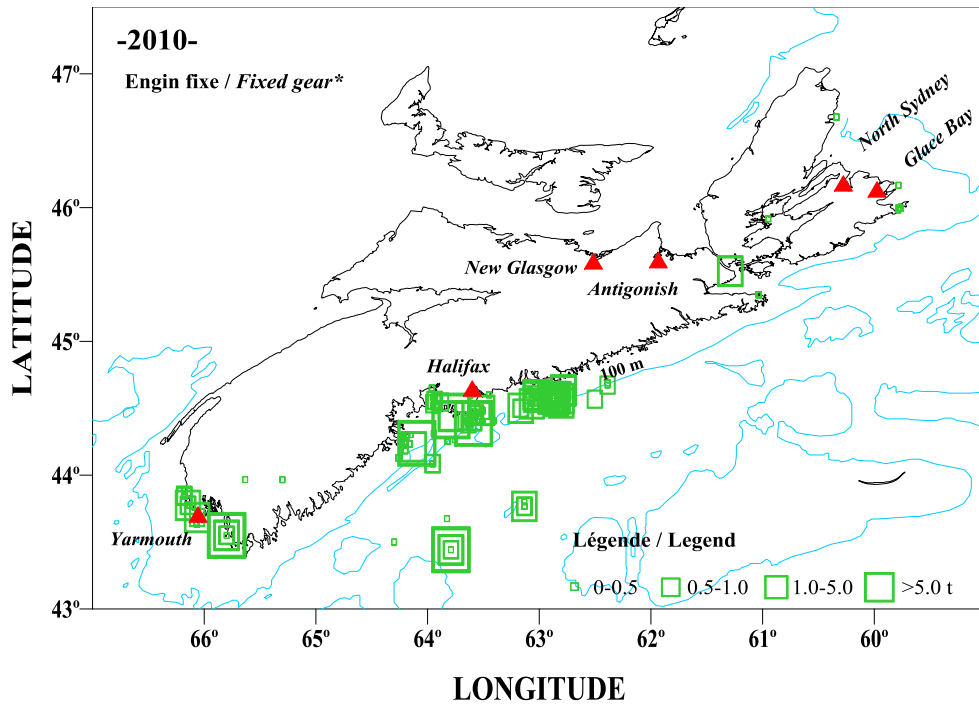
* 41= Filet maillant / Gillnet ; 59= Ligne à la main / Handline ; 61= Trappe / Trap

Figure 30. Atlantic mackerel catches (t) locations by fixed gear in Nova Scotia in 2008 (source : ZIFF files).



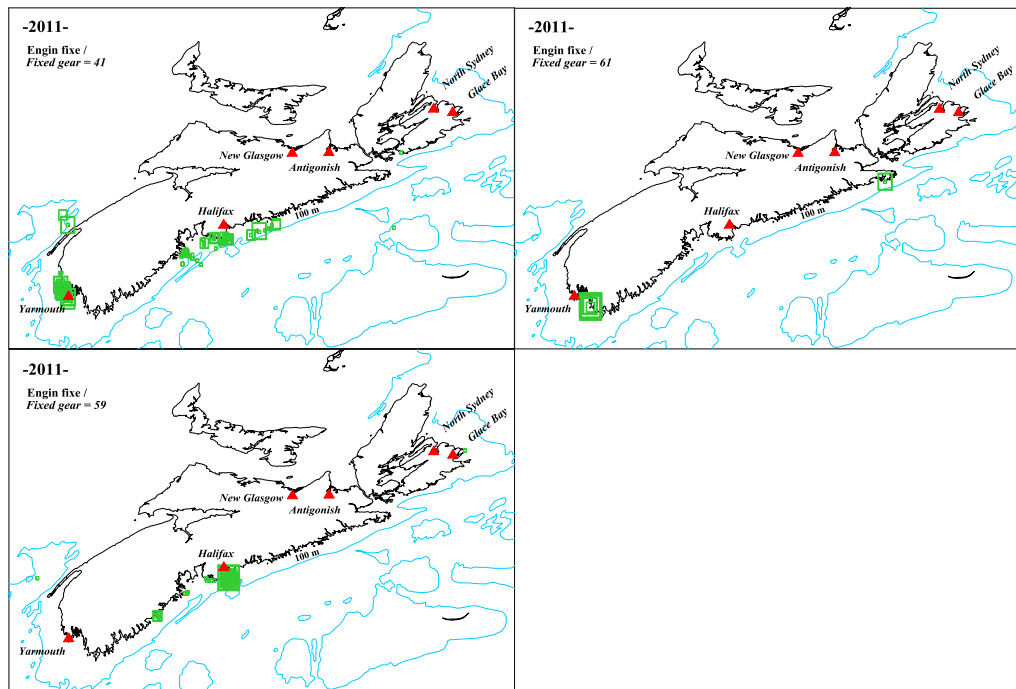
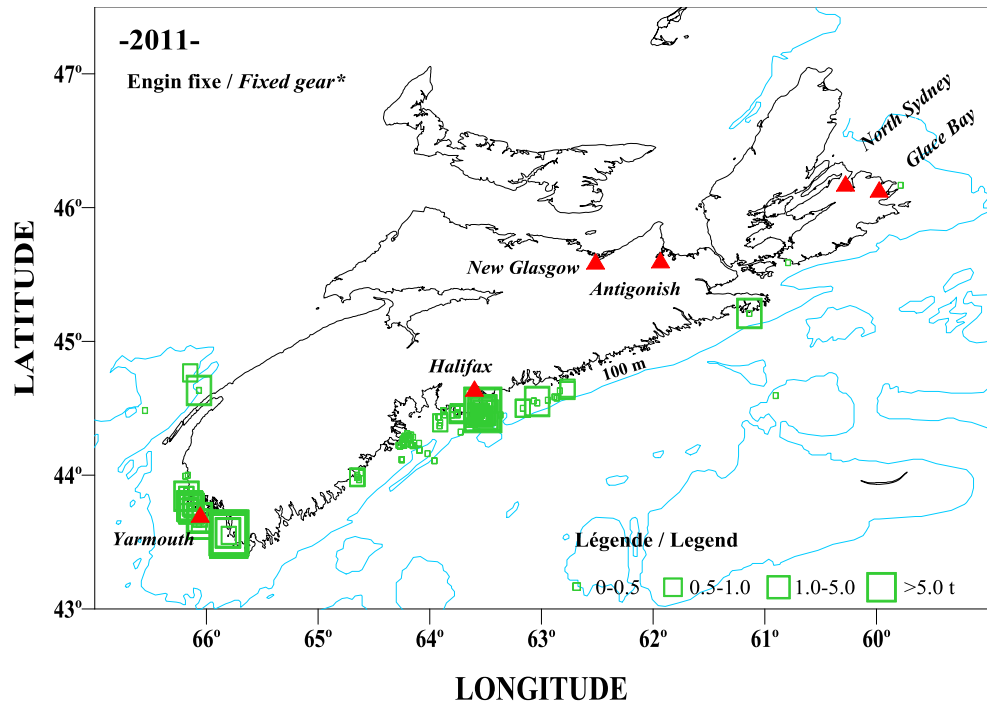
* 41= Filet maillant / Gillnet ; 59= Ligne à la main / Handline ; 61= Trappe / Trap

Figure 31. Atlantic mackerel catches (t) locations by fixed gear in Nova Scotia in 2009 (source : ZIFF files).



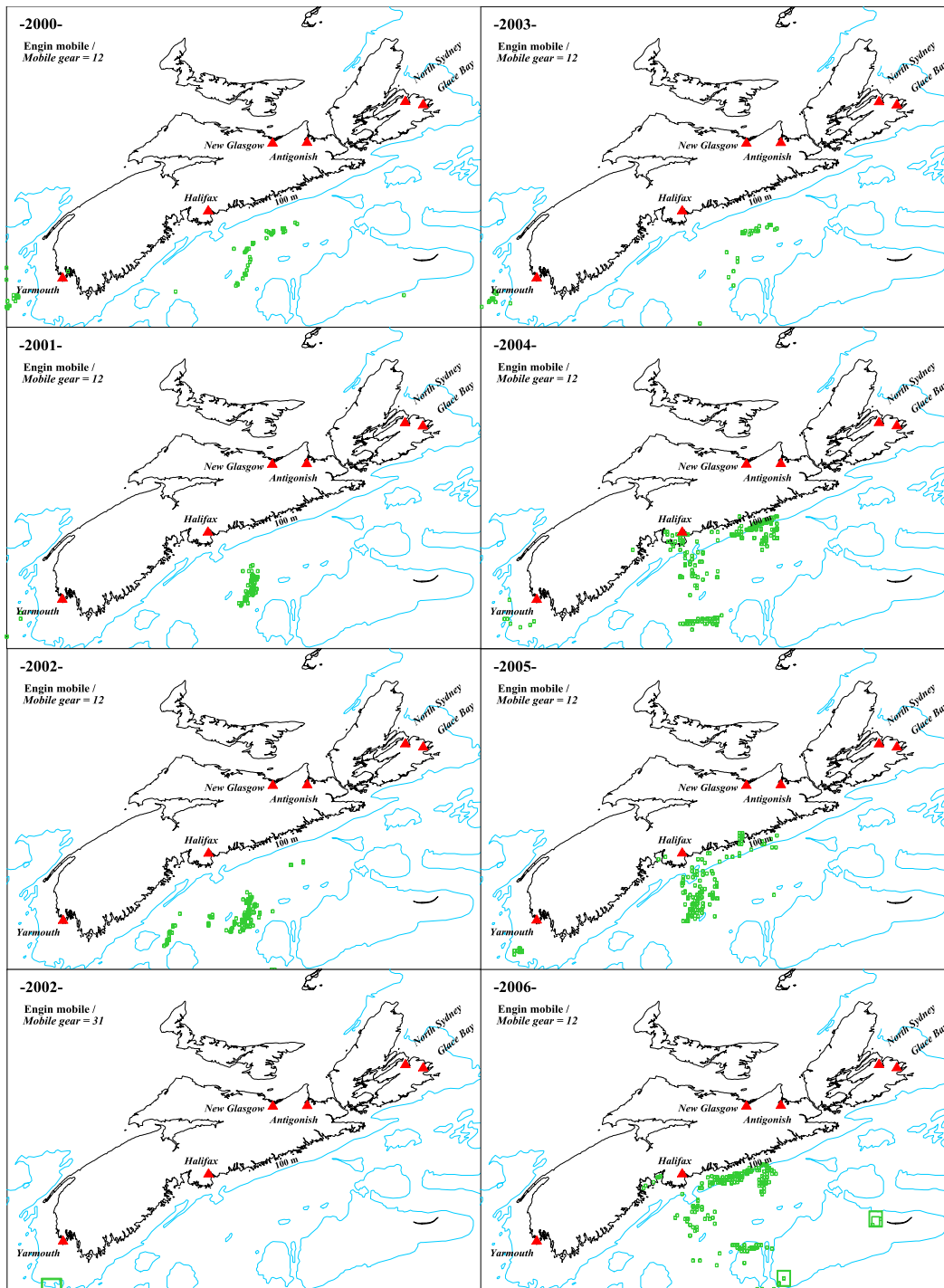
* 41= Filet maillant / Gillnet ; 59= Ligne à la main / Handline ; 61= Trappe / Trap

Figure 32. Atlantic mackerel catches (t) locations by fixed gear in Nova Scotia in 2010 (source : ZIFF files).



* 41= Filet maillant / Gillnet ; 59= Ligne à la main / Handline ; 61= Trappe / Trap

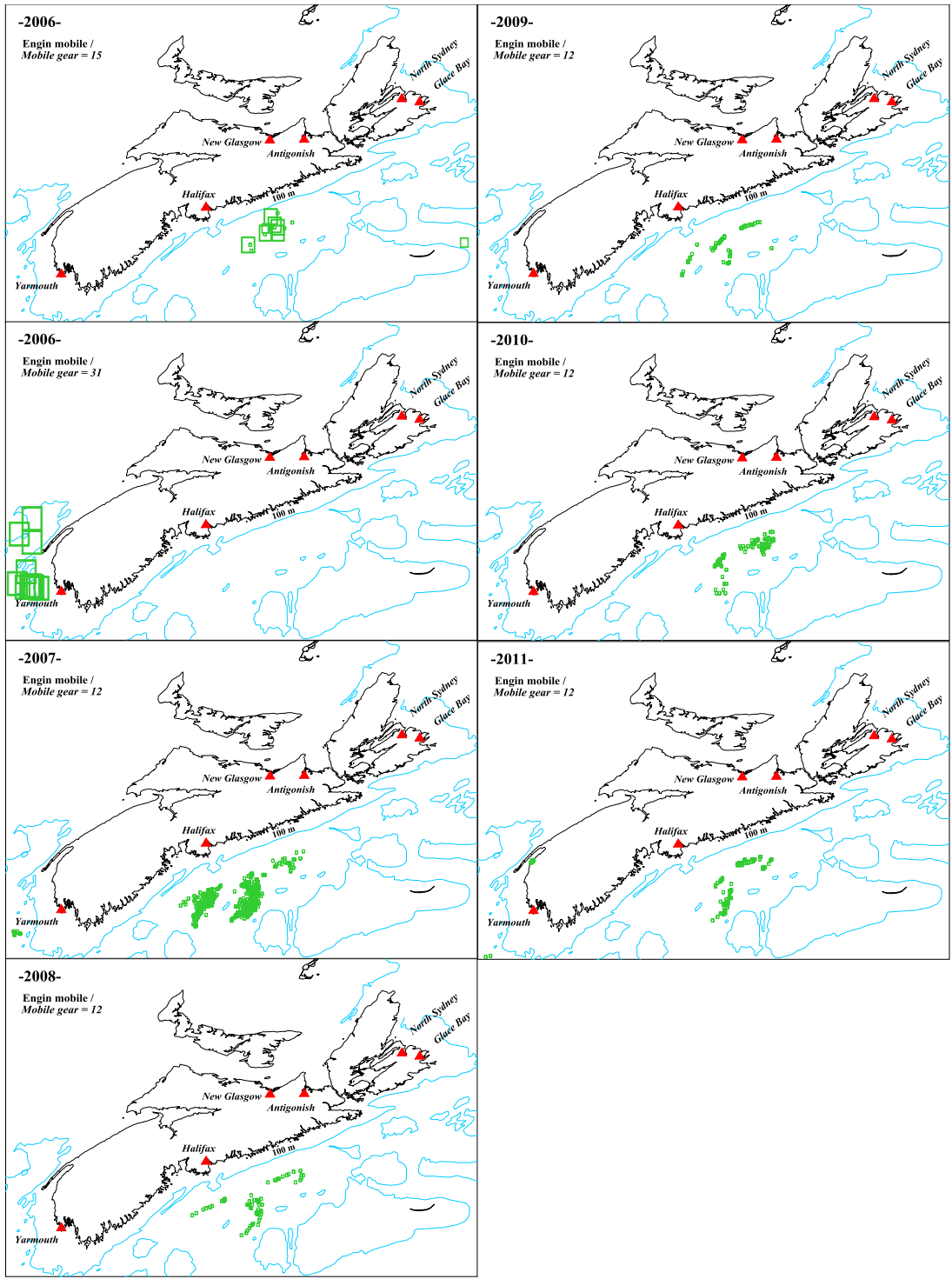
Figure 33. Atlantic mackerel catches (t) locations by fixed gear in Nova Scotia in 2011 (source : ZIFF files).



Légende / Legend:

- ◻ 0-0.5
- ◻ 0.5-1.0
- ◻ 1.0-5.0
- ◻ >5.0 t

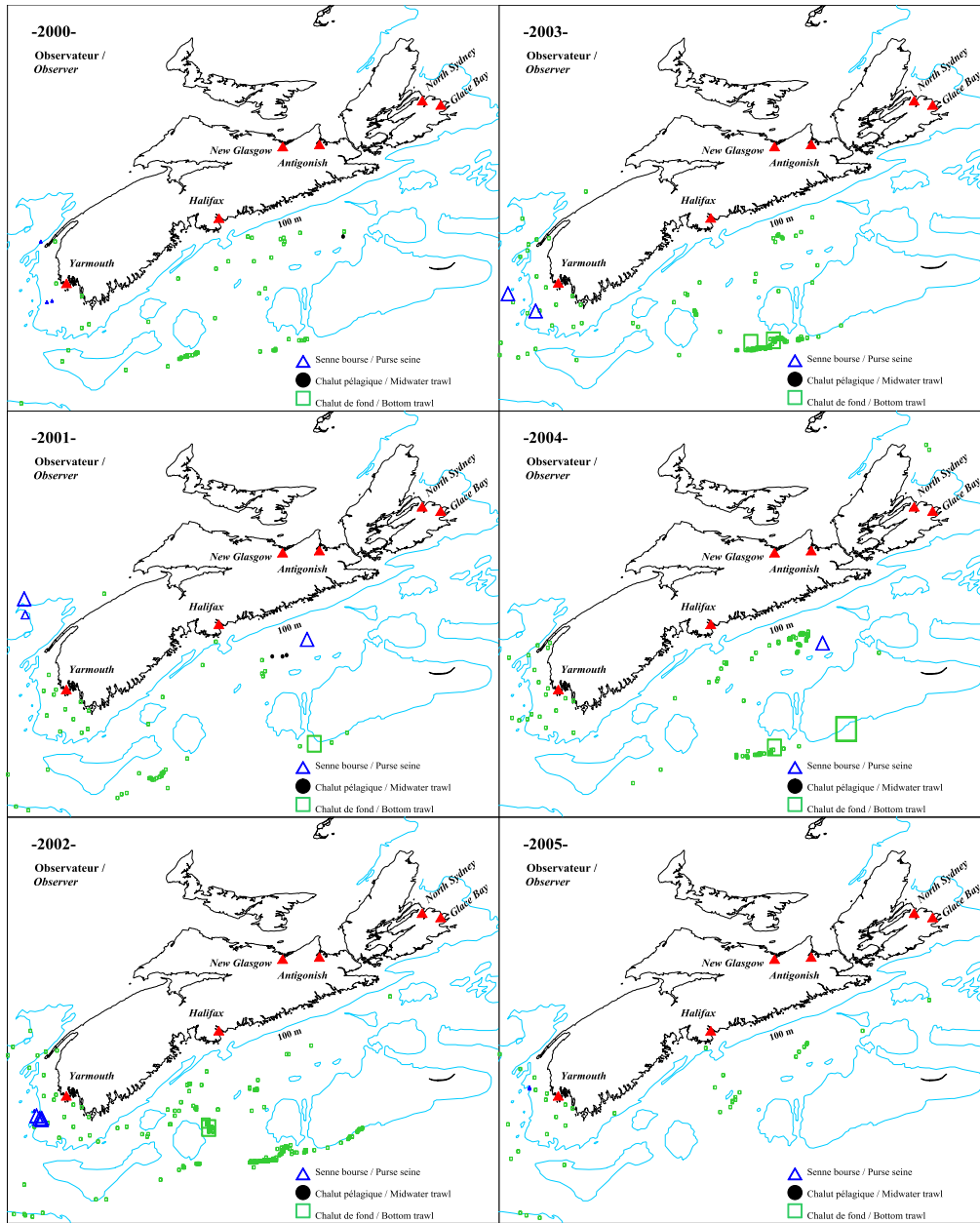
Figure 34. Atlantic mackerel catches (t) locations by mobile gear (12= bottom trawl; 15= midwater trawl; 31= purse seine) in Nova Scotia from 2000 to 2011 (source : ZIFF files).



Légende / Legend:

- 0-0.5 □ 0.5-1.0 □ 1.0-5.0 □ >5.0 t

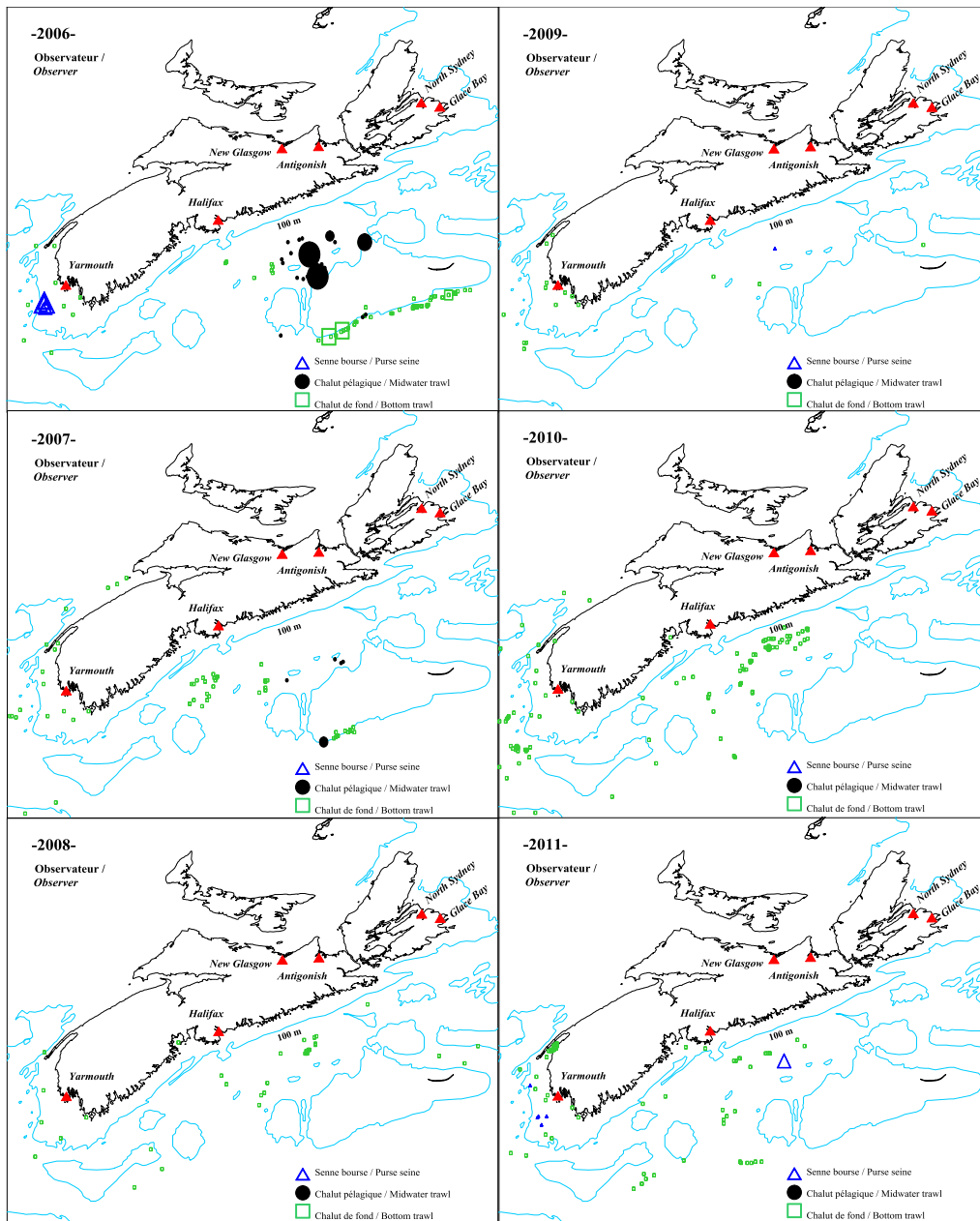
Figure 34. (Continued).



Légende / Legend:

	0-0.5	0.5-1.0	1.0-5.0	>5.0 t
Senne bourse / Purse seine	▲	▲	▲	▲
Chalut pélagique / Midwater trawl	●	●	●	●
Chalut fond / Bottom trawl	□	□	□	□

Figure 35. Atlantic mackerel catches (t) locations by mobile gear in Nova Scotia from 2000 to 2011 (source : Nova Scotia Observer Program).

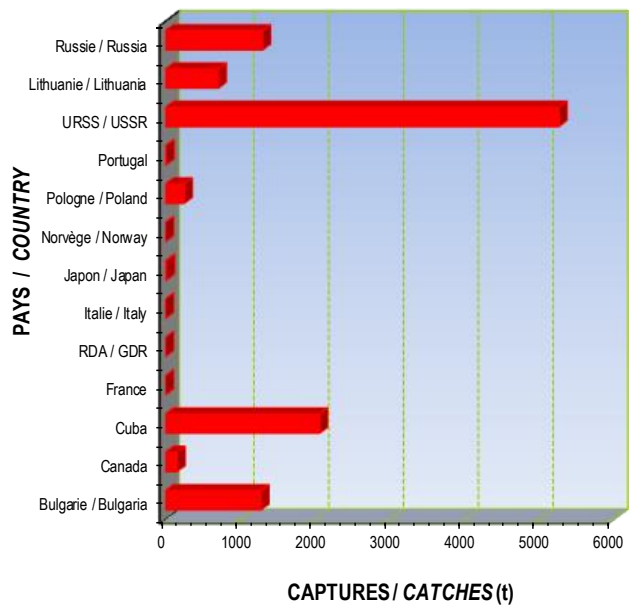


Légende / Legend:

	0-0.5	0.5-1.0	1.0-5.0	>5.0 t
Senne bourse / Purse seine	▲	▲	▲	▲
Chalut pélagique / Midwater trawl	●	●	●	●
Chalut fond / Bottom trawl	□	□	□	□

Figure 35. (Continued).

(A)



(B)

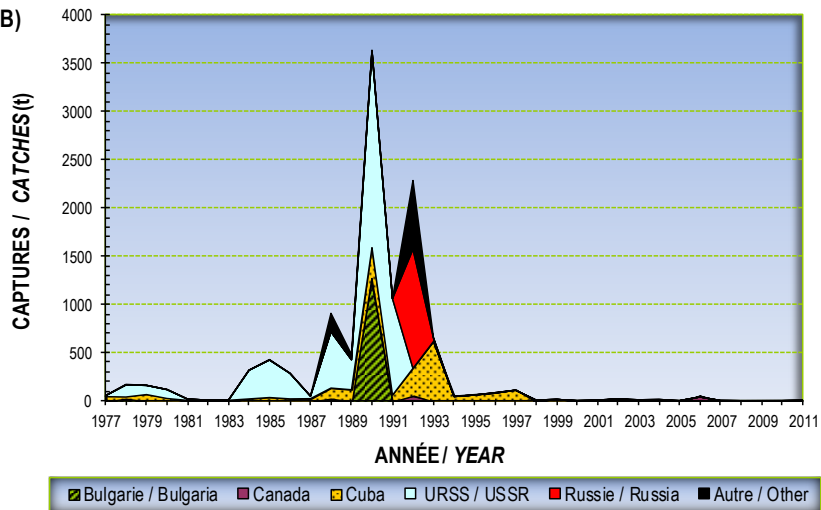


Figure 36. Total Atlantic mackerel catches (t) by country of origin (A) and year (B) from the data of the Nova Scotia Observer Program for the 1977-2011 period.

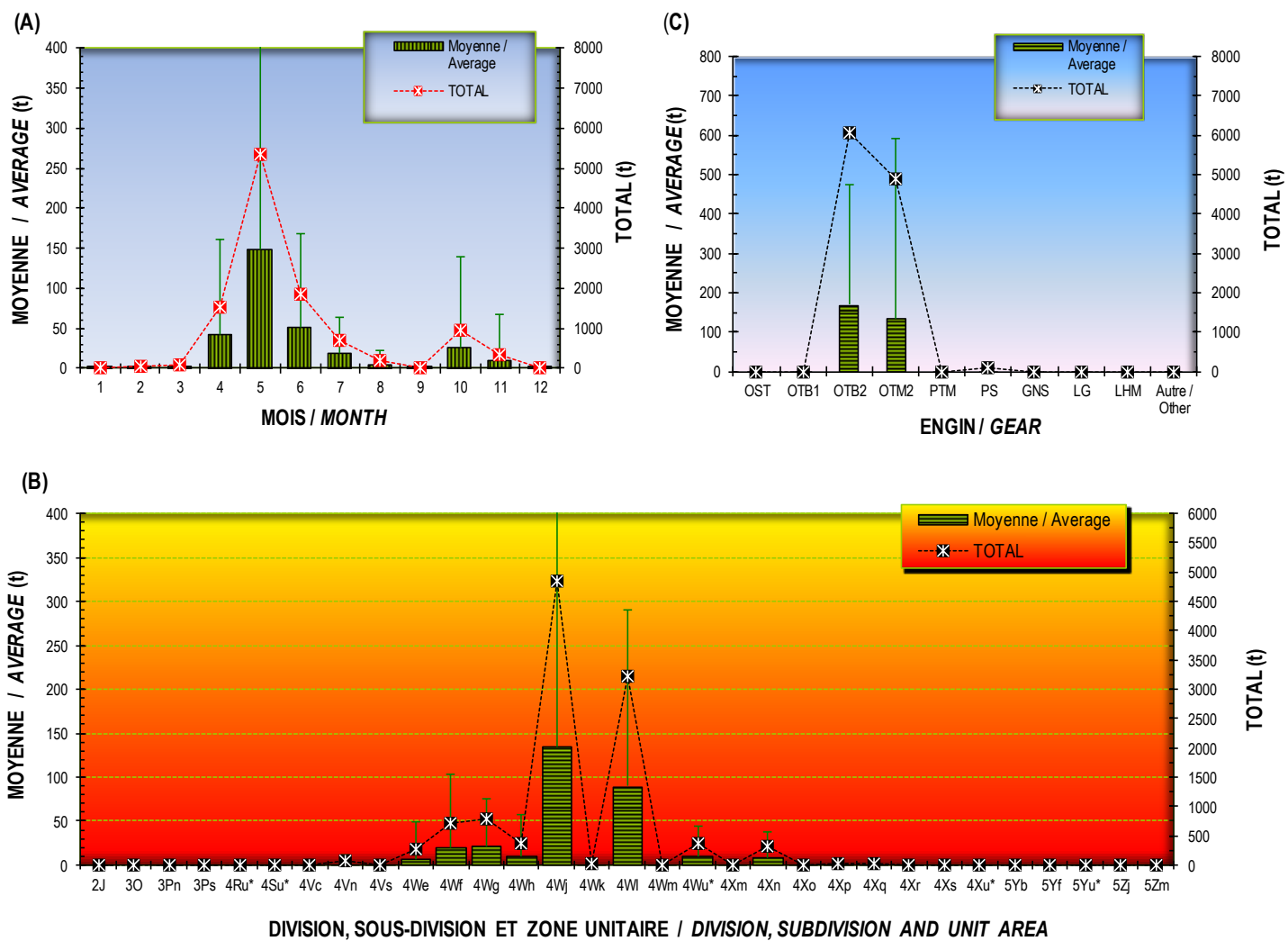


Figure 37. Total and average catches (t) of Atlantic mackerel by month (A), Division, subdivision and unit area (B) and by fishing gear (C) from the data of the Nova Scotia Observer Program for the 1977-2011 period (see Table 13 for the gear codes).

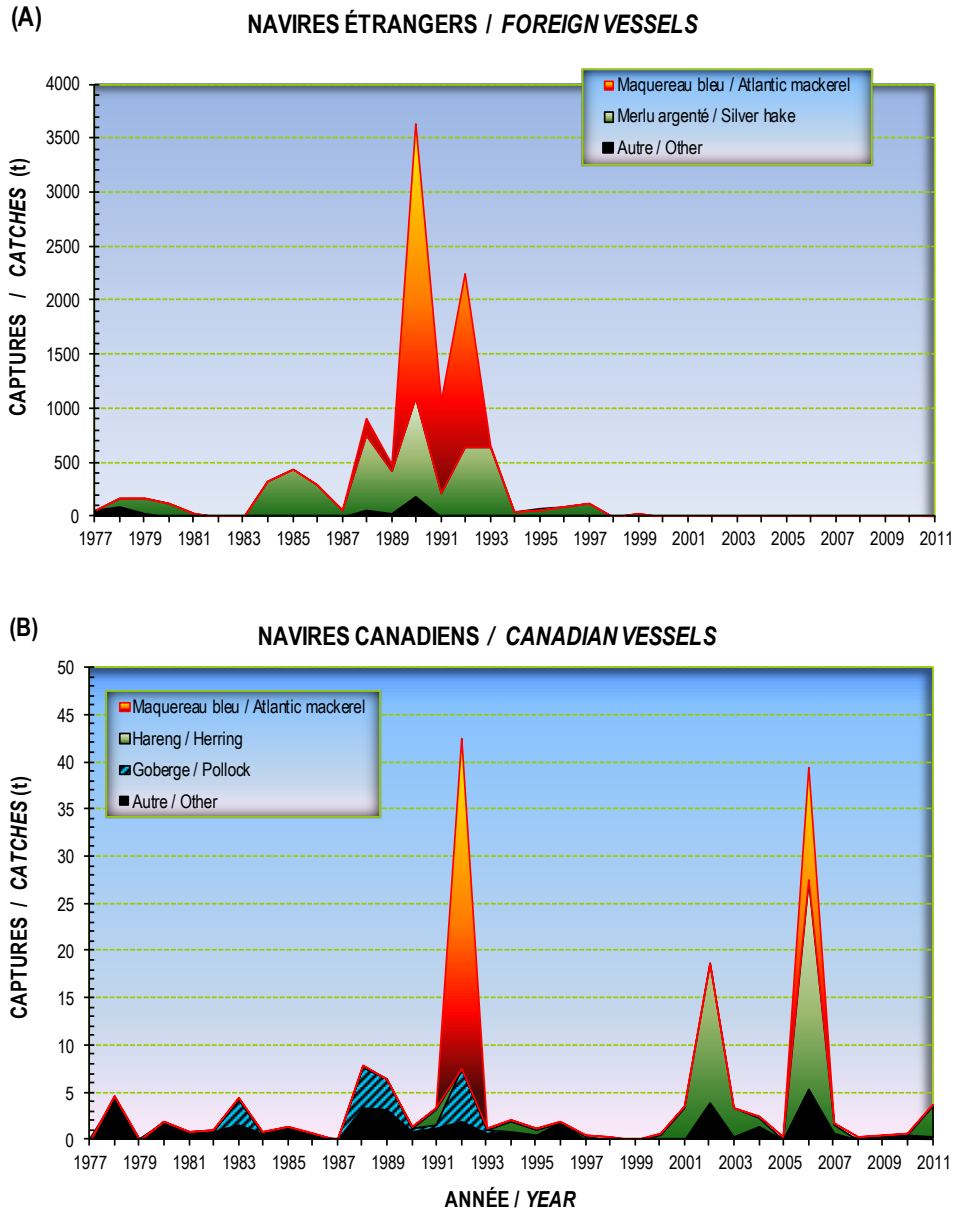


Figure 38. Total catches (t) of Atlantic mackerel by species sought for the foreign (A) and Canadian (B) vessels covered by the Nova Scotia Observer Program for the 1977-2011 period.

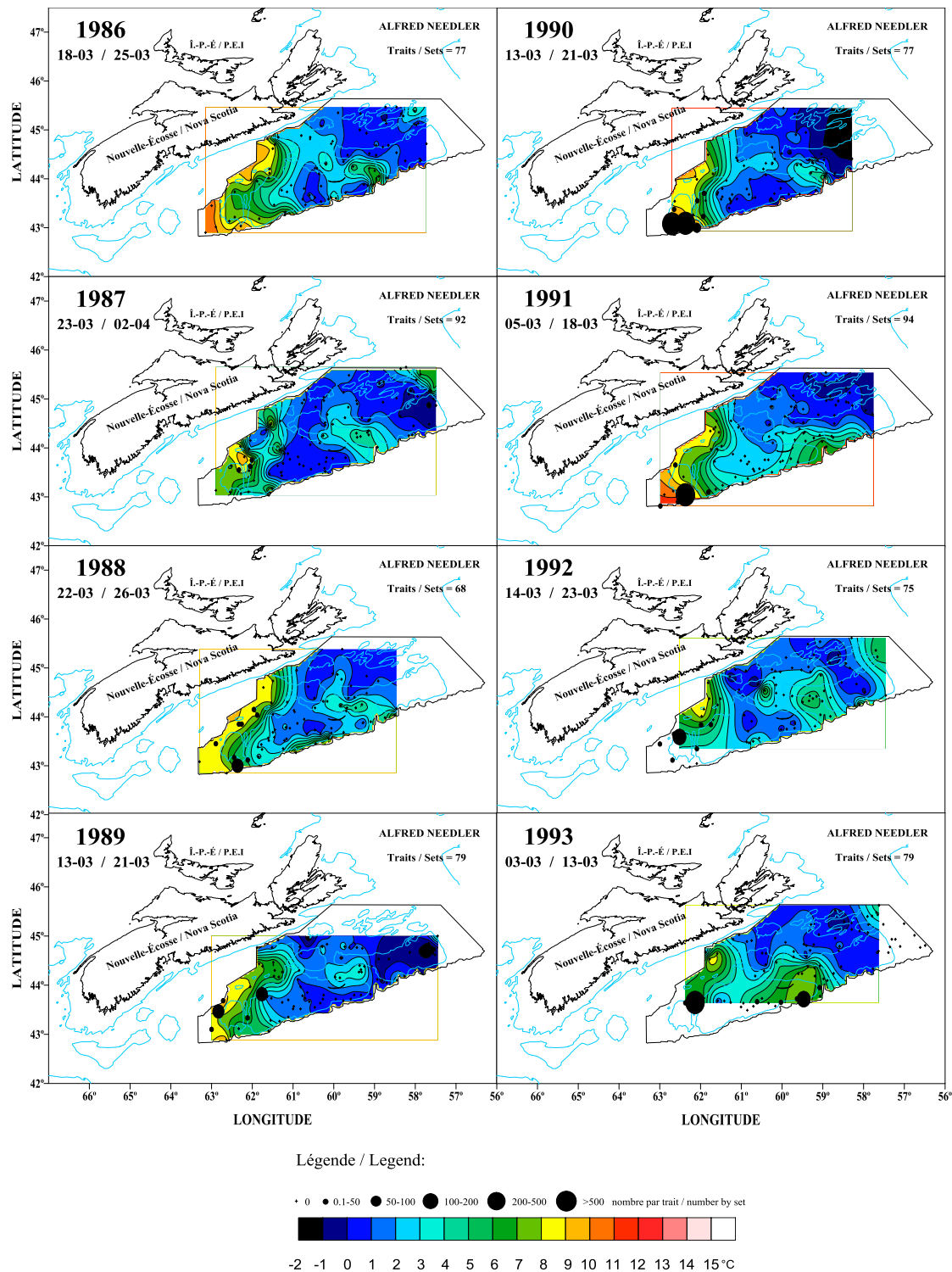
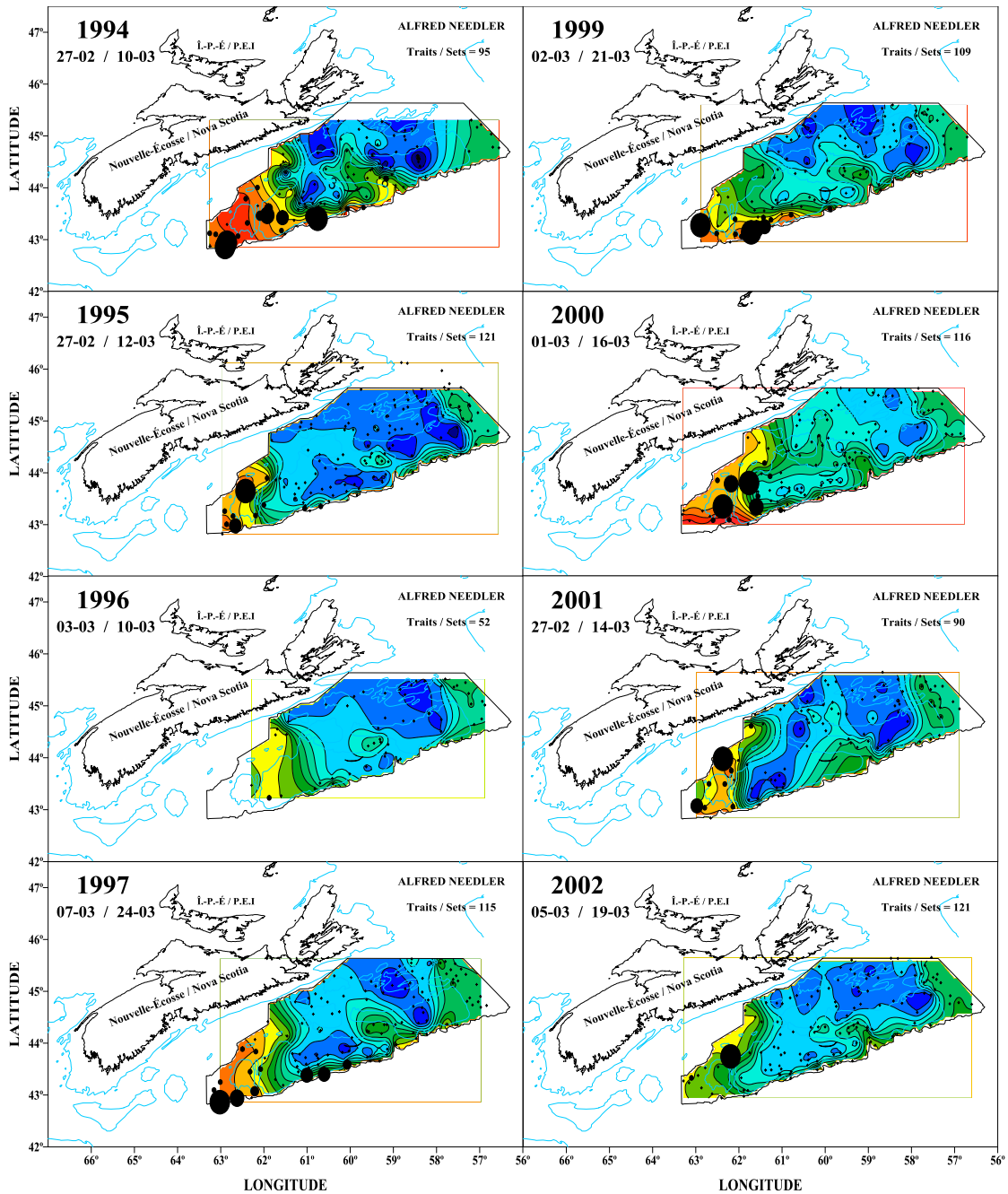


Figure 39. Atlantic mackerel catch rates (number by set) and bottom temperature (°C) of the winter cod assessment survey in NAFO Divisions 4VW for the 1986-2010 period.



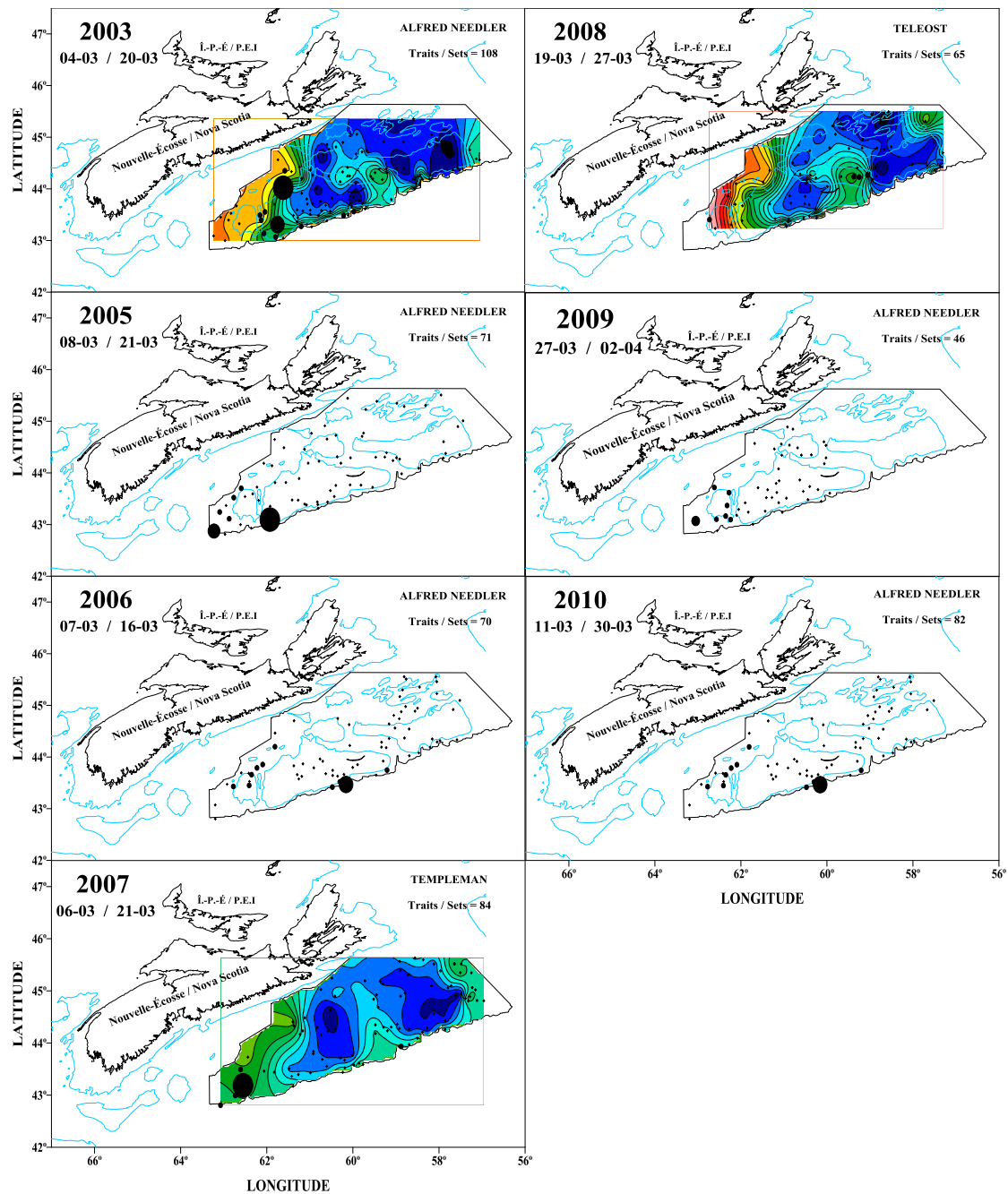
Légende / Legend:

• 0 ● 0.1-50 ● 50-100 ● 100-200 ● 200-500 ● >500 nombre par trait / number by set



-2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15°C

Figure 39. (Continued).



Légende / Legend:

• 0 • 0.1-50 • 50-100 • 100-200 • 200-500 • >500 nombre par trait / number by set



-2 -1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 °C

Figure 39. (Continued).

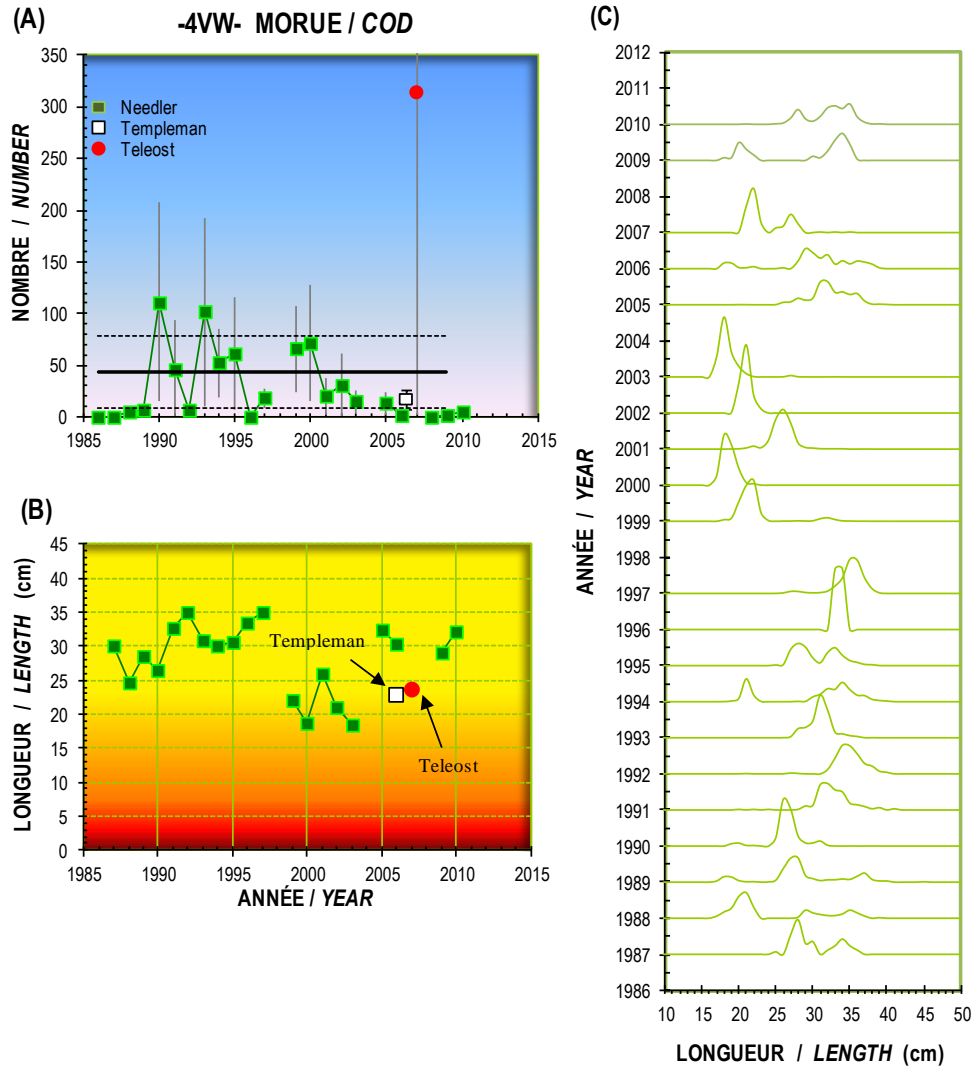


Figure 40. Mean number of Atlantic mackerel per set (A), mean length (cm) (B), and length frequencies (cm) (C) of the winter cod assessment survey in NAFO Divisions 4VW for the 1986-2010 period (horizontal lines in A represent the average of the 1986-2009 period ± 0.5 standard deviation).