

Tweed Estuary SAC Simple Assessment

Habitat Regulations Assessment document: TSAC – tLSE001

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and Sea lamprey, Intertidal Coarse Sediment
Gear type(s):	Heavy otter trawl
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 001 TSAC - 002 TSAC - 003 TSAC - 004 TSAC - 005 TSAC - 006 TSAC - 007 TSAC - 008 TSAC - 009 TSAC - 010 TSAC – 334

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Activity historically does not occur within the Tweed Estuary SAC (Jon Green, pers. comms.).</p>

	<p>Activity prohibited outside the Tweed Estuary SAC: NIFCA Byelaw 7: Prohibition of the use of mobile fishing gear within the English section of the Berwickshire and North Northumberland SAC.</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulation Assessment document: TSAC – tLSE 002

<p>European Marine Site:</p> <p>Generic sub-feature(s):</p> <p>Gear type(s):</p> <p>NIFCA tLSE type:</p> <p>Gear/feature interaction reference(s):</p>	<p>Tweed Estuary SAC</p> <p>Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and Sea lamprey, Intertidal coarse sediment</p> <p>Light otter trawl</p> <p>Simple</p> <p>TSAC - 012 TSAC - 013 TSAC - 014 TSAC - 015 TSAC - 016 TSAC - 017 TSAC - 018 TSAC - 019 TSAC - 020 TSAC - 021 TSAC - 335</p>
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Revision history		
Date	Revision	Editor
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Activity historically does not occur within the Tweed Estuary SAC (Jon Green, pers. comms.).</p> <p>Activity prohibited outside the Tweed Estuary SAC: NIFCA Byelaw 7: Prohibition of the use of mobile fishing gear within the English section of the Berwickshire and North Northumberland SAC.</p>

	The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and sub-features identified previously, as shown in Table 1.
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2015
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Table 1| Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 003

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and Sea lamprey, Intertidal coarse sediment
Gear type(s):	Anchor seine
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 023 TSAC - 024 TSAC - 025 TSAC - 026 TSAC - 027 TSAC - 028 TSAC - 029 TSAC - 030 TSAC - 031 TSAC - 032 TSAC - 336

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Activity historically does not occur within the Tweed Estuary SAC (Jon Green, pers. comms.)</p>

	<p>Activity prohibited outside the Tweed Estuary SAC: NIFCA Byelaw 7: Prohibition of the use of mobile fishing gear within the English section of the Berwickshire and North Northumberland SAC.</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1| Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and Sea lamprey, Intertidal coarse sediment
Gear type(s):	Scottish/fly seine
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 034 TSAC - 035 TSAC - 036 TSAC - 037 TSAC - 038 TSAC - 039 TSAC - 040 TSAC - 041 TSAC - 042 TSAC - 043 TSAC - 337

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.

	<p>Activity historically does not occur within the Tweed Estuary SAC (Jon Green, pers. comms.)</p> <p>Activity prohibited outside the Tweed Estuary SAC: NIFCA Byelaw 7: Prohibition of the use of mobile fishing gear within the English section of the Berwickshire and North Northumberland SAC.</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>
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Conclusion

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No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1| Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 005

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	River and Sea lamprey
Gear type(s):	Mid-water trawl (single)
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 054

Revision history		
Date	Revision	Editor
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Activity historically does not occur within the Tweed Estuary SAC (Jon Green, pers. comms.).</p> <p>Activity prohibited outside the Tweed Estuary SAC: NIFCA Byelaw 7: Prohibition of the use of mobile fishing gear within the English section of the Berwickshire and North Northumberland SAC.</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>

Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1| Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 007

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	River and Sea lamprey
Gear type(s):	Industrial trawls
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 076

Revision history		
Date	Revision	Editor
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Activity historically does not occur within the Tweed Estuary SAC (Jon Green, pers. comms.).</p> <p>Activity prohibited outside the Tweed Estuary SAC: NIFCA Byelaw 7: Prohibition of the use of mobile fishing gear within the English section of the Berwickshire and North Northumberland SAC.</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>

Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1| Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 008

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Subtidal mixed sediment, Intertidal boulder and cobble reef, Intertidal coarse sediment
Gear type(s):	Dredges (towed): Scallops
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 078 TSAC - 079 TSAC - 080 TSAC - 081 TSAC - 082 TSAC - 083 TSAC - 084 TSAC - 085 TSAC – 086 TSAC - 088

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Activity historically does not occur within the Tweed Estuary SAC (no scallop grounds) (Jon Green, pers. comms.).</p> <p>Activity prohibited outside the Tweed Estuary SAC: NIFCA Byelaw 7: Prohibition of the use of mobile fishing gear within the English section of the Berwickshire and North Northumberland SAC.</p>

	The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 009

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and sea lamprey, Intertidal coarse sediment
Gear type(s):	
NIFCA tLSE type:	Dredges (towed): Mussels, clams, oysters
Gear/feature interaction reference(s):	Simple TSAC - 089 TSAC - 090 TSAC - 091 TSAC - 092 TSAC - 093 TSAC - 094 TSAC - 095 TSAC - 096 TSAC - 097 TSAC - 098 TSAC - 099

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process. Activity historically does not occur within the Tweed Estuary SAC (Jon Green, pers. comms.).

	<p>Activity prohibited outside the Tweed Estuary SAC: NIFCA Byelaw 7: Prohibition of the use of mobile fishing gear within the English section of the Berwickshire and North Northumberland SAC.</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 010

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and sea lamprey, Intertidal coarse sediment
Gear type(s):	
NIFCA tLSE type:	Pump scoop (cockles, clams)
Gear/feature interaction reference(s):	Simple TSAC - 100 TSAC - 101 TSAC - 102 TSAC - 103 TSAC - 104 TSAC - 105 TSAC - 106 TSAC - 107 TSAC - 108 TSAC - 109 TSAC - 110

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Activity historically does not occur within the Tweed Estuary SAC (no cockle/clam stocks) (Jon Green, pers. comms.).</p>

	<p>Activity prohibited outside the Tweed Estuary SAC: NIFCA Byelaw 7: Prohibition of the use of mobile fishing gear within the English section of the Berwickshire and North Northumberland SAC.</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>
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Conclusion

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No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and sea lamprey, Intertidal coarse sediment
Gear type(s):	Suction (cockles)
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 111 TSAC - 112 TSAC - 113 TSAC - 114 TSAC - 115 TSAC - 116 TSAC - 117 TSAC - 118 TSAC - 119 TSAC - 120 TSAC - 121

Revision history		
Date	Revision	Editor
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.

	<p>Activity historically does not occur within the Tweed Estuary SAC (no cockle stocks) (Jon Green, pers. comms.).</p> <p>Activity prohibited outside the Tweed Estuary SAC: NIFCA Byelaw 7: Prohibition of the use of mobile fishing gear within the English section of the Berwickshire and North Northumberland SAC.</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittorial rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 012

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and sea lamprey, Intertidal coarse sediment
Gear type(s):	Dredges (other): Tractor
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 122 TSAC - 123 TSAC - 124 TSAC - 125 TSAC - 126 TSAC - 127 TSAC - 128 TSAC - 129 TSAC - 130 TSAC - 131 TSAC - 132

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	QA	

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Activity historically does not occur within the Tweed Estuary SAC (Jon Green, pers. comms.).</p>

	<p>Activity prohibited outside the Tweed Estuary SAC: NIFCA Byelaw 7: Prohibition of the use of mobile fishing gear within the English section of the Berwickshire and North Northumberland SAC.</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittorial rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 013

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Estuarine rock, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Intertidal boulder and cobble reef, Intertidal coarse sediment
Gear type(s):	Handwork (access from vessel)
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC – 135 TSAC - 137 TSAC - 138 TSAC – 139 TSAC – 141 TSAC - 143

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>No current activity within the Tweed Estuary SAC (Jon Green, pers. comms.)</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>

Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediments, Subtidal mixed sediment, Intertidal boulder and cobble reef, Intertidal coarse sediment
Gear type(s):	Pots/creels (crustacea/gastropods)
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 150 TSAC - 151 TSAC - 152 TSAC - 153 TSAC - 154 TSAC - 155 TSAC - 156 TSAC - 157 TSAC - 158 TSAC - 160

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Potting for Green crab used to occur within the estuary but hasn't taken place for about 15 years. No other species have been known to be prosecuted within the Tweed SAC using pots/creels (Jon Green, pers. comms.).</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs</p>

	(JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 015

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediments, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and sea lamprey, Intertidal coarse sediment
Gear type(s):	Cuttle pots
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 161 TSAC - 162 TSAC - 163 TSAC - 164 TSAC - 165 TSAC - 166 TSAC - 167 TSAC - 168 TSAC - 169 TSAC - 170 TSAC - 171

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Activity historically does not occur within the Tweed Estuary SAC (or the NIFCA district as a whole) (Jon Green, pers. comms.)</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs</p>

	(JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 016

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediments, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and sea lamprey, Intertidal coarse sediment
Gear type(s):	Fish traps
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 172 TSAC - 173 TSAC - 174 TSAC - 175 TSAC - 176 TSAC - 177 TSAC - 178 TSAC - 179 TSAC - 180 TSAC - 181 TSAC - 182

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>No current activity within the Tweed Estuary SAC (Jon Green, pers. comms.)</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs</p>

	(JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 017

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	River and sea lamprey
Gear type(s):	Drift nets (pelagic)
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 225

Revision history		
Date	Revision	Editor
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>No current activity within the Tweed Estuary SAC (Jon Green, pers. comms.)</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>

Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 018

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and sea lamprey, Intertidal coarse sediment
Gear type(s):	Drift nets (demersal)
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 227 TSAC - 228 TSAC - 229 TSAC - 230 TSAC - 231 TSAC - 232 TSAC - 233 TSAC - 234 TSAC - 235 TSAC - 236 TSAC - 237

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Activity historically doesn't occur within the Tweed Estuary SAC (Jon Green, pers. comms.) Effectively regulated by the Tweed Commission and the River Tweed Order 2006 which prohibits targeted fishing for salmon or</p>

	<p>freshwater fish using any means other than a rod and line or net and coble).</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 019

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediments, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and sea lamprey, Intertidal coarse sediment
Gear type(s):	Longlines (demersal)
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 238 TSAC - 239 TSAC - 240 TSAC - 241 TSAC - 242 TSAC - 243 TSAC - 244 TSAC - 245 TSAC - 246 TSAC - 247 TSAC - 248

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>No current activity within the Tweed Estuary SAC (Jon Green, pers. comms.)</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs</p>

	(JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 020

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	River and sea lamprey
Gear type(s):	Longlines (pelagic)
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 258

Revision history		
Date	Revision	Editor
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Activity historically does not occur within the Tweed Estuary SAC (Jon Green, pers. comms.)</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>

Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':

05/02/2016

Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE021

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	River and sea lamprey
Gear type(s):	Handlines (rod/gurdy etc.)
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 269

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>No current activity within Tweed Estuary SAC (Jon Green, pers. comms.).</p> <p>Recreational prosecution of migratory fish species e.g. Salmon, Sea Trout and Brown trout (which are not designated features of the SAC) using rod and line does occur on the Tweed. However, this activity is regulated by the Tweed Commission and the Environment Agency.</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>

Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE022

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	River and sea lamprey
Gear type(s):	Jigging/trolling
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 280

Revision history		
Date	Revision	Editor
23/04/2015	Document created	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>No current activity within the Tweed Estuary SAC (Jon Green, pers. comms.)</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>

Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':

05/02/2016

Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 025

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rocks, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Subtidal mixed sediment, Intertidal boulder and cobble reef, Intertidal coarse sediment
Gear type(s):	Commercial diving
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 304 TSAC - 305 TSAC - 306 TSAC - 307 TSAC - 308 TSAC - 309 TSAC - 310 TSAC - 311 TSAC - 312 TSAC - 313 TSAC – 314

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
23/04/2015	Document created	SM
11/12/2015	Features amended	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>Activity historically does not occur within the Tweed Estuary SAC (Jon Green, pers. comms.) The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1)</p>

	at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 027

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Estuarine rocks, Intertidal boulder and cobble reef
Gear type(s):	Digging with forks
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC – 328 TSAC - 330

Revision history		
Date	Revision	Editor
23/04/2015	Document created	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>No interaction of activity with features listed within the Tweed Estuary SAC.</p> <p>Bait digging does not occur on estuarine rock, intertidal boulder or cobble reef.</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>

Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey

Habitats Regulations Assessment document: TSAC – tLSE 031

European Marine Site:	Tweed Estuary SAC
Generic sub-feature(s):	Subtidal gravel and sand, Subtidal muddy sand, Estuarine rock, Subtidal mud, Intertidal mud, Intertidal mud and sand, Intertidal mixed sediment, Subtidal mixed sediment, Intertidal boulder and cobble reef, River and sea lamprey, Intertidal coarse sediment
Gear type(s):	Beach seine/ring nets
NIFCA tLSE type:	Simple
Gear/feature interaction reference(s):	TSAC - 282 TSAC - 283 TSAC - 284 TSAC - 285 TSAC - 286 TSAC - 287 TSAC - 288 TSAC - 289 TSAC - 290 TSAC - 291 TSAC - 292

Revision history		
<i>Date</i>	<i>Revision</i>	<i>Editor</i>
11/12/2015	Document created	SM

Test for Likely Significant Effect (LSE)

Potential for Likely Significant Effect?	No
Justification and evidence	<p>Synthesis of evidence and local knowledge informing this decision occurred between January 2014 and the date of this document's creation with stakeholders (where appropriate) and other statutory authorities. Natural England (CS) was involved with this formal process.</p> <p>No current activity within the Tweed Estuary SAC (Jon Green, pers. comms.)</p> <p>One berth remains on the Tweed SAC however it is not currently fished and is effectively regulated by the Tweed Commission and the River Tweed Order 2006 which prohibits targeted fishing for</p>

	<p>salmon or freshwater fish using any means other than a rod and line or net and coble).</p> <p>The Tweed Estuary SAC has never had Regulation 33/35 advice since designation in 2000. The working group of NIFCA eIFCOs (JG, JR, SA) and Natural England lead adviser (CS) assigned features and sub-features based on expert judgement (see table 1) at the beginning of the project. As of January 2016 draft Conservation Advice was made available, the features and sub-features neatly correlate with the features and subfeatures identified previously, as shown in Table 1.</p>
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Conclusion

Is the proposal likely to have a significant effect 'alone or in combination' on the Tweed SAC?

No

Has Natural England been formally consulted on this tLSE (and do they agree)?	Yes
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Date of document completion/'sign-off':	05/02/2016
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Table 1 | Correlation table of Expert Judgment and Draft Conservation Advice feature.

Feature	Conservation Advice Sub feature	NIFCA/NE sub-feature (expert judgement)
Estuaries	Subtidal coarse sediments	Subtidal gravel and sand
Estuaries	Subtidal sand	Subtidal muddy sand
Estuaries	Infralittoral rock	Estuarine rock
Estuaries	Subtidal mixed sediments	Subtidal mixed sediment
Estuaries		Subtidal mud
Estuaries	Intertidal rock	Intertidal boulder and cobble reef
Estuaries	Intertidal coarse sediment	
Estuaries	Intertidal mixed sediments	
Estuaries	Intertidal sand & muddy sand	
Mudflats & sandflats not covered by seawater at low tide	Intertidal mud	Intertidal mud
Mudflats & sandflats not covered by seawater at low tide	Intertidal sand & muddy sand	Intertidal mud and sand
Mudflats & sandflats not covered by seawater at low tide	Intertidal mixed sediments	Intertidal mixed sediment
Mudflats & sandflats not covered by seawater at low tide	Intertidal coarse sediment	
Annex II species	River lamprey (<i>Lampetra fluviatilis</i>)	River & Sea lamprey
Annex II species	Sea lamprey (<i>Petromyzon marinus</i>)	River & Sea lamprey