

APPENDIX C –ANNEX 2

Assessment of Defences

Defence Reference	Name	Location	Description	Type	Length	Responsibility	Standard Of Defence	Last Inspection Comments	Residual Life At Last Inspection
SUF/A/1	Hamilton Seawall	Lowestoft Ness to Lowestoft Dock wall.	Chainage 4.5km to 5.1km. Hamilton Seawall defence. Comprises sheet piled wall, concrete beams with spanning slabs forming the promenade, and recurved concrete wall providing further protection to industrial area behind.	Sea Wall	551.6	Waveney District Council	200	Detailed structural surveys have not been undertaken. Inspections made during the site visits were restricted to visible parts of the defences above the beach and water line.	11 - 20
SUF/A/2	Lowestoft Ness Outfall	Outfall at Lowestoft Ness	Chainage 4.5km. Rock armour protection and concrete infilled steel pile groyne which houses twin emergency outfalls from the nearby Ness Point sewage pumping station. (CPSE-454/5706/08)	Breakwater	70	Waveney District Council	200	Detailed structural surveys have not been undertaken. Inspections made during the site visits were restricted to visible parts of the defences above the beach and water line.	6 - 10
SUF/A/3	Lowestoft North Pier	Lowestoft North Pier	Rock armour and concrete piled wall protecting Hamilton Dock	Sea Wall	270	Private (ABP)		Inspection from aerial photos and site visit photographs only, with some help from CPSE data.	6 - 10
SUF/A/4	Lowestoft North Pier	Lowestoft North Pier	Chainage 5.37km to 5.60km. Rock apron, concrete piling and embankment protecting Waveney Dock.	Sea Wall	640	Private (ABP)		From aerial photos and site visit photos only, with help from CPSE data.	6 - 10
SUF/A/5	North Pier Extension	Extension to Lowestoft North Pier	Chainage 5.60km to 5.71km. Steel piled seawall and apron forming the extension to the Lowestoft North Pier	Sea Wall	170	Private (ABP)		Inspection taken from aerial photographs and site visit photos, as well as from information provided by CPSE	11 - 20
SUF/A/6	Lowestoft South Pier	Lowestoft South Pier	Chainage 5.74km to 5.77km. Steel piled wall protecting roundhead of Lowestoft South Harbour Wall	Sea Wall	30	Private (ABP)		Inspection only using aerial and site visit photos, plus some additional info from CPSE	11 - 20
SUF/A/7	Lowestoft South Pier	Lowestoft South Pier	Chainage 5.77km to 6.08km. Concrete piled sea wall and concrete apron forming the southern pier that protects the Outer Harbour.	Sea Wall	200	Private (ABP)		Inspection undertaken using aerial photos and site visit photos only, plus some information from CPSE surveys.	6 - 10
SUF/A/8	South Pier Spur Groyne	Lowestoft South Pier	Chainage 5.00km. The rock armour (1987) spur groyne (attached to harbour pier) protects the beach area (Children's corner) from reflected wave energy from the south pier	Groynes	110	Waveney District Council	50	Detailed structural surveys have not been undertaken	11 - 20
SUF/A/9	Children's Corner	Children's Corner	Chainage 6.08km to 6.17km. This seawall was refurbished in 1988, providing reinforced concrete facing to the original 1922 structure and providing new steel toe piles.	Sea Wall	130	Waveney District Council	200	No detailed inspection undertaken - walkover survey only	>20
SUF/A/10	Old Flint Wall	Old Flint Wall in Front of Royal Green	Chainage 6.17km to 6.54km. Adjoining the Children's corner wall is the Old Flint wall (pre 1880), a flint faced, masonry wall. The wall section over the northern part of the frontage was improved (circa 1922) by the addition of a concrete facing. Neith	Sea Wall	350	Waveney District Council	200	No detailed inspection undertaken - walkover survey only	1 - 5
SUF/A/11	Neptune Seawall	Between Old Flint Wall and Claremont Pier	Chainage 6.54km to 6.86km. This section of wall runs from the Neptune statue to the Claremont pier and was constructed around 1984. It consists of a concrete recurve wall with apron and sheet-piled toe.	Sea Wall	280	Waveney District Council	200	No detailed inspection undertaken - walkover survey only	>20
SUF/A/12	Claremonth Pier	Claremont Pier, Lowestoft	Chainage 6.86km. Piled sea wall with rendered face under responsibility of pier owner	Sea Wall	60	Private			6 - 10
SUF/A/13	Jubilee Wall	Claremont Pier to A1118 Kensington Road	Chainage 6.86 to 7.69km. Promenade with splash wall and separate sea wall protecting the toe of the cliffs (behind the beach huts).	Sea Wall	780	Waveney District Council	20	Inspection from aerial photos/site visit photos only - plus some information from Lowestoft to Thorpeness Strategy Study	11 - 20
SUF/A/14	Jubilee Wall	A1118 Kensington Road to south of car park on Pakefield Road (at 654200,290921)	Chainage 6.86km to 7.94km. Promenade and sea wall at toe of cliffs (no splash wall).	Sea Wall	200	Waveney District Council	20	Inspection from aerial photos and site visit photos only - also with some input from Lowestoft to Thorpeness Strategy Study	11 - 20
SUF/A/15	Jubilee Wall	Car park on Pakefield Road (at 654200,290921) to 654028,290615	Chainage 7.94km to 8.30km. Promenade with splash wall and separate sea wall protecting the toe of the cliffs (behind the beach huts).	Sea Wall	190	Waveney District Council	20	Inspection only using aerial photos and site visit photos - with some input from the Lowestoft to Thorpeness Strategy Study	11 - 20
SUF/A/16	Pakefield Extension Wall	Southern extent of the Jubilee Sea Wall in front of Pakefield village	Chainage 8.30km to 8.40km. Wall at toe of cliff with groynes on foreshore. 654022,290633 to 653928,290569.	Sea Wall	100	Waveney District Council	100	From Lowestoft to Thorpeness Strategy Study	>20
SUF/A/17	Pakefield Cliffs	Cliffs in front of Pakefield	Chainage 7.30km to 9.80km. Soft cliffs running from TM54039061 to TM53738922	Cliff	1460	Waveney District Council			>20
SUF/A/18	Kessingland Cliffs	Between Pakefield and Kessingland	Chainage 9.80km to 11.89km. Soft cliffs between Pakefield to just north of Kessingland	Cliff	2090	Waveney District Council			>20
SUF/A/19	Kessingland Groyne Field and Breastworks	Northern extent of Kessingland (TM53568713, TM53618685)	Chainage 11.89km to 12.19. Timber breastwork and groynes footing the cliffs. They are now completely buried due to the high accumulation of sand.	Other	280	Waveney District Council	200	No detailed inspection undertaken - walkover survey only. Residual life not assessed due to the fact that both structures are buried.	0
SUF/A/20	Kessingland Seawall	In front of Kessingland village (653607,286833) to (653639,285973)	Chainage 12.19km to 13.07km. A bull-nose seawall and sheet piled toe, with concrete apron forming the promenade and timber groynes protecting the beach.	Sea Wall	850	Waveney District Council	200	No detailed inspection undertaken - walkover survey only.	>20
SUF/A/21		Kessingland beach to asphalt promenade.	Chainage 13.17km to 13.29km. Concrete recurve sea wall		75.9	Environment Agency			
SUF/A/22		Asphalt promenade to caravan site.	Chainage 13.29km to 13.69km. Concrete recurve sea wall		388.8	Environment Agency			
SUF/A/23		North to South of the caravan site.	Chainage 13.69km to 13.94km. Grassed earth bank.	Embankment	254.9	Private			6 - 10

Defence Reference	Name	Location	Description	Type	Length	Responsibility	Standard Of Defence	Last Inspection Comments	Residual Life At Last Inspection
SUF/A/24		South of caravan site -Benacre pump stn.	Chainage 13.94km to 14.57km. Vegetated Sand Dunes	Dunes	573.2	Private			1 - 5
SUF/A/25		Benacre pump stn.to high ground near Beach Farm	Chainage 14.57km to 15.54km. Vegetated embankment.		958.5	Environment Agency			
SUF/A/26	Benacre Broad to Covehithe Cliffs	Benacre Broad to Covehithe Cliffs.	Chainage 16.03km to 16.54km. Sand embankment.		507.6	Environment Agency			
SUF/A/27	Covehithe Cliffs	Covehithe Cliffs	Chainage 16.54km to 18.39km. Natural soft cliffs in front of Covehithe	Cliff	1920	Waveney District Council			>20
SUF/A/28	Covehithe Broad to The Warren	Covehithe Broad to The Warren	Chainage 18.39km to 18.80km. Sand embankment.		410.5	Environment Agency			
SUF/A/29	Easton Wood cliff/scarp	Easton Wood cliff/scarp	Chainage 18.83km to 19.53km. Cliff/scarp in front of Easton Wood	Cliff	640	Waveney District Council			>20
SUF/A/30	Easton Wood shingle embankment	Easton Wood shingle embankment	Chainage 19.53km to 20.41km. Shingle embankment.	Embankment	840	private			>20
SUF/A/31		Shingle embankment to Easton Cliffs	Chainage 20.75km to 21.02km. Shingle embankment.		274.9	Environment Agency			
SUF/A/32	Easton Cliffs	Easton Cliffs	Chainage 21.02km to 22.15km. Natural cliff/scarp at Easton Cliffs	Cliff	1168	Waveney District Council			>20
SUF/A/33	Easton Marshes Recurved Wall	Recurve wall to flood gate	Chainage 22.15km to 22.54km. Recurve wall and stepped apron		356	Environment Agency			
SUF/A/34	Southwold (wall north of Pier)	Southwold (wall north of Pier)	Chainage 22.54km to 22.88km. Bull-nose concrete wall with steel sheet piled toe and concrete apron. Concrete back wall and wooden groynes with rock armour protection	Sea Wall	300	Waveney District Council	50	Inspection only using aerial photos and site visit photos - with some input from the Lowestoft to Thorpeness Strategy Study	6 - 10
SUF/A/35	Southwold Town Wall	Southwold Pier south towards point at which East Street joins the promenade	Chainage 22.88km to 23.53km. A continuation of the concrete bull-nose wall with toe piling and adjoining promenade seen north of the pier. The main difference is that this section protects steep cliffs, which are retained in some places.	Sea Wall	650	Waveney District Council	100	Inspection only using aerial photos and site visit photos - with some input from the Lowestoft to Thorpeness Strategy Study	>20
SUF/A/36	Southwold Town Wall (continued)	Point at which East Street joins the promenade to just south of Gun Hill	Chainage 23.53km to 23.97km. A continuation of the concrete bull-nose wall with toe piling and adjoining promenade seen north of the pier.	Sea Wall	445	Waveney District Council	100	Inspection only using aerial photos and site visit photos - with some input from the Lowestoft to Thorpeness Strategy Study	>20
SUF/A/37	Southwold Denes	Hard defence S of Gun Hill to R. Blyth	Chainage 23.97km to 24.87km. Vegetated dunes		887.1	Environment Agency			
SUF/A/38	Southwold Harbour North Pier	Southwold Harbour North Pier	Chainage 24.87km to 24.94km. Concrete wall with rock revetment and concrete armour units (SHED). Vessels are protected from the roundhead by means of a steel pile and timber fendering system – also acting to some extent as slatted wave screens, which al	Sea Wall	150	Waveney District Council		Inspection only using aerial photos and site visit photos - with some input from the Lowestoft to Thorpeness Strategy Study	>20
SUF/A/39	Southwold Harbour South Pier	Southwold Harbour South Pier	Chainage 25km. Predominantly open-piled structure with a small section of concrete recurved wall.	Breakwater	150	Waveney District Council		Inspection only using aerial photos and site visit photos - with some input from the Lowestoft to Thorpeness Strategy Study	1 - 5
SUF/A/40	Walberswick Village	S bank R. Blyth to Shingle embankment	Chainage 25.00km to 25.49km. Previously 054CCBENA0701C02. Vegetated dunes		491.9	Environment Agency	100		
SUF/B/1	Walberswick/Dunwich Marshes	Shingle embankment to path over marshes	Chainage 25.49km to 27.60km. Shingle embankment		1922.5	Environment Agency			
SUF/B/2	Walberswick/Dunwich Shingle Ridge (continued)	Path over marsh to Dunwich cliffs	Chainage 27.60km to 30.04km. Shingle embankment		2448.5	Environment Agency			
SUF/B/3	Dunwich Temporary Defences	Dunwich village	Chainage 30.04km to 30.30km. Groynes comprising sand bags wrapped in geotextile	Other	300	Suffolk Coastal District Council	2	Visual inspection only from site visit photos	1 - 5
SUF/B/3A	Dunwich and Minsmere	In front of Dunwich Heath	Soft natural cliffs. Chainage 30.3 to 33.1km.	Cliff	3050	Suffolk Coastal District Council			>20
SUF/B/4	North Minsmere Dunes	S of Minsmere cliffs to Minsmere Sluice.	Chainage 33.1km to 34.5km. Primary Defence Line - Vegetated Dunes		1381.7	Environment Agency			
SUF/B/5	North Minsmere Dunes - secondary defence	S of Minsmere cliffs to Minsmere Sluice.	Chainage 33.1km to 34.50km. RSPB 2ndry Defence Line (Embankment)	Embankment	1386.6	Private		Data taken from NFCDD records	6 - 10
SUF/B/6	North of Sizewell Power Station	Minsmere Sluice to path N of Sizewell / termination of Sizewell PS embankment.	Chainage 34.50km to 36.24km. Vegetated Dunes		1734.9	Environment Agency			
SUF/B/7	Sizewell Power Station (primary defence)	Minsmere Sluice to Northern access steps at Sizewell Car Park.	Chainage 36.24km to 37.67km. Dunes and dune restoration fencing. (Primary defence line).	Dunes	1423.1	private		Data taken from NFCDD	6 - 10
SUF/B/8	Sizewell Power Station (secondary defence)	Path N of Sizewell to N side of concrete wall at Sizewell A PS outfall.	Chainage 36.32km to 37.53km. Embankment fronting Sizewell Power Station (2ndry defence line)	Embankment	1397.3	Private		Data taken from NFCDD	6 - 10
SUF/B/9	Sizewell Village Dunes	Access Steps in Sizewell Car Park to South of Coastguard cottages (high ground).	Chainage 37.71km to 38.00km. Clay cored dune system.		326.7	Environment Agency			
SUF/B/9A	Sizewell Cliffs	Sizewell to Thorpeness	Soft cliffs. Chainage 38.0 to 40.6km	Cliff	2600	Suffolk Coastal District Council			>20
SUF/B/10	Thorpeness Gabions	Northern end of Thorpeness village	Chainage 40.61km to 39.81km. A gabion revetment reinforcing a vegetated slope with residential properties at its crest.	Revetment	200	Suffolk Coastal District Council	200	No detailed inspection undertaken - walkover surveys only	6 - 10

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SUF/B/10A	Thorpeness Cliffs	In front of Thorpeness village	Soft natural cliffs. Chainage 39.80 to 41.28km.	Cliff	1480	Suffolk Coastal District Council			>20
SUF/B/11	The Haven Shingle Ridge	S of Thorpeness cliffs to S end housing.	Chainage 41.28km to 42.12km. Shingle embankment.		838.9	Environment Agency			
SUF/C/1	The Haven Shingle Ridge contd	S of housing to Thorpeness Sluice	Chainage 42.12km to 42.59km. Shingle embankment.		469.5	Environment Agency			
SUF/C/2	The Haven Shingle Ridge contd	S of Thorpeness sluice to Wentworth Road	Chainage 42.59km to 43.87km. Shingle embankment.		1287.5	Environment Agency			
SUF/C/3	Aldeburgh	Aldeburgh frontage	Chainage 43.89km to 44.75km. Shingle ridge with buried groynes and sea wall.	Sea Wall	830	Suffolk Coastal District Council		Inspection only using aerial photos and site visit photos - with some input from Halcrow's (2005) Thorpeness to Hollesley Strategy Plan. No information available for groynes as they are now buried.	11 - 20
SUF/C/4	Aldeburgh frontage contd	Aldeburgh frontage	Chainage 44.75km to 44.89km. Recurved concrete wall with timber topped concrete groynes.	Sea Wall	140	Suffolk Coastal District Council		Inspection only using aerial photos and site visit photos with some input from Halcrow's (2005) Thorpeness to Hollesley Strategy Study	11 - 20
SUF/C/5	Aldeburgh frontage contd	Aldeburgh	Chainage 44.89km to 45.01km. Recurved wall	Sea Wall	100	Suffolk Coastal District Council		Inspection only using aerial photos and site visit photos, with some input from Halcrow's (2005) Thorpeness to Hollesley Strategy Report	11 - 20
SUF/C/6	Slaughden	Fort Green to flat sea wall.	Chainage 45.01km to 46.16km. Concrete recurve wall.		1176	Environment Agency			
SUF/C/7	Sudbourne Beach	Flat sea wall to S end of concrete wall	Chainage 46.16km to 46.83km. Concrete wall.		625.4	Environment Agency			
SUF/C/8	Sudbourne Beach contd	Concrete wall to end of frontage at Lantern Marshes embankment.	Chainage 46.83km to 48.49km. Shingle embankment.		1659.2	Environment Agency			
SUF/C/8A	Orford Ness	Orford Ness Shingle Bank	Shingle bank. Chainage 48.49 to 61.57km.		13080	Environment Agency			
SUF/C/9	Shingle Street	Stile over embankment to HM Coastguard.	Chainage 61.57km to 62.70km. Clay embankment with extensive shingle ridges in front. (BAWA2)		945	Environment Agency			
SUF/C/10	Shingle Street contd	HM Coastguard to concrete bunker.	Chainage 62.70km to 63.70km. Extensive shingle ridges in front of houses at Shingle Street. (BAWA3)		1037.2	Environment Agency			
SUF/D/1	Between Shingle Street and East Lane	Concrete bunker to concrete sea wall.	Chainage 63.70km to 65.60km. Clay embankment with varying crest levels extending between Shingle Street and East Lane. Shingle beach in front of the bank generally wide (200m) but narrowing to the south. (BAWB1)		1679.5	Environment Agency			
SUF/D/2	East Lane	East Lane revetment	Chainage 65.60km to 65.87km. Extensive rock armour revetment placed over the previous failed defences. (BAWC2)		666.8	Environment Agency			
SUF/D/3	East Lane contd.	East Lane seawall	Chainage 65.87km to 65.93. Kentstone blockwork revetment with concrete promenade and low rear wall/revetment. Wole structure founded on continuation of embankment to north. Areas of the revetment have rock armour placed on top. South of promontory. (60	Environment Agency			
SUF/D/4	East Lane contd.	East Lane	Chainage 65.93km to 66.00km. Sheetpile wall with concrete capping beam and rock armour toe protection. Shingle beach built up to high level. (BAWC4)		70	Environment Agency			
SUF/D/5	East Lane contd.	East Lane	Chainage 66.00km to 66.13km. Rock armour revetment along front face of earth embankment. Land behind gradually rises to the south, defining the southern end of the floodplain. (BAWC5)	Revetment	150	Suffolk Coastal District Council		North Felixstowe Strategy Defences Database	6 - 10
SUF/D/6	East Lane	East Lane - in front of Martello tower and two residential properties	Chainage 66.13km to 66.30km. Rock armour protection to soft, eroding low cliffs. (BAWC6)	Revetment	170	Suffolk Coastal District Council		North Felixstowe Strategy Defence Database	6 - 10
SUF/D/7	Bawdsey Cliffs	Cliffs stretching from Bawdsey to Bawdsey Manor	Chainage 66.31km to 68.03. Cliffs. (BAWD1)	Cliff	1720	Suffolk Coastal District Council			>20
SUF/D/8	Bawdsey Manor	Immediately to the north of Bawdsey Manor	Chainage 68.03km to 68.93km. Groyne field set in shingle cliffs at foot of high soft cliffs. (BAWE1)	Groynes	900	Suffolk Coastal District Council		North Felixstowe Strategy Defence Database	>20
SUF/D/9	Bawdsey Manor contd.	Cliffs in front of Bawdsey Manor	Chainage 68.93km to 69.19km. Sheet pile wall at base of soft cliffs. This has been constructed in front of a line of now buried timber breastwork, and forms an informal promenade. Groynes on the beach are at 15m centres. (BAWE2, BAWE3)	Sea Wall	260	Suffolk Coastal District Council		North Felixstowe Strategy Defence Database	6 - 10
SUF/D/10	Bawdsey Manor contd.	Mouth of Deben Estuary	Chainage 69.19km to 69.83km. Sheet pile wall with sloping ties behind above ground level. (BAWE10)	Sea Wall	381	Suffolk Coastal District Council		North Felixstowe Strategy Defence Database	6 - 10
SUF/D/11	Felixstowe Ferry	Felixstowe Ferry to shingle embankment.	Chainage 7.00km to 70.19km. Embankment and concrete cladding.		233.1	Environment Agency			
SUF/D/12	Felixstowe Ferry contd.	Felixstowe Ferry, Shingle embankment-concrete recurve wall	Chainage 70.19km to 70.29km. Shingle embankment.		108.2	Environment Agency			
SUF/D/13	Felixstowe Ferry contd.	Concrete recurve wall - earth embankment	Chainage 70.29km to 70.71km. Shingle embankment and recurve wall.		363.7	Environment Agency			

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SUF/D/14	Felixstowe Ferry contd.	Earth embankment to return wall.	Chainage 70.71km to 71.00km. Shingle foreshore and grassed earth embankment, Rock revetment.		307	Environment Agency			
SUF/D/15	Felixstowe Ferry contd.	Return wall to golf course club house.	Chainage 71.00km to 71.50km. Shingle foreshore and concrete return wall, asphalt crest.		495.7	Environment Agency			
SUF/D/15A	North Felixstowe	North of Old Felixstowe	Natural beach/dunes in front of golf course. Chainage 71.50 to 71.56km.	Dunes	60	Suffolk Coastal District Council			>20
SUF/D/16	Gerrards Sea Wall	In front of golf course car park	Chainage 71.56km to 71.77km. Shallow concrete steps with integral angular wave return at crest. Tarmac path behind northern section. Timber piled groynes. (FELA7 and FELA8)		200	Environment Agency			
SUF/D/17	The Dips	Felixstowe	Chainage 71.77km to 72.54km. Concrete steps backed by reinforced concrete promenade and recurve wall with upper promenade and beach huts behind. There are also timber groynes along the beach. (FELXB1-6).	Sea Wall	770	Suffolk Coastal District Council		North Felixstowe Strategy Defence Database. Note concrete seawall is stepped. Element ID1 is the upper promenade and ID4 is the lower promenade.	>20
SUF/D/18	Brackenbury Sea Wall	Brackenbury Sea Wall	Chainage 72.54km to 72.88km. Reinforced concrete wall backed by tarmac/gravel finished promenade and concrete wall at top of earth slope. (FELB9, FELB8 and FELB7)	Sea Wall	340	Suffolk Coastal District Council		North Felixstowe Strategy Defence Database. ID3 is the rear wall.	>20
SUF/D/19	Brackenbury Rock Armour Revetment	Brackenbury	Chainage 72.88km to 72.93km. Rock armour revetment set around sheet piled wall (no capping) in front of earth cliff. (FELB10).	Revetment	50	Suffolk Coastal District Council		North Felixstowe Strategy Defence Database.	>20
SUF/D/20	Brackenbury Sea Wall contd.	Brackenbury	Chainage 72.93km to 73.11km. Vertical reinforced concrete wall with concrete toe covering old steel piles. Backed by vegetated cliffs. Groynes. (FELB11).	Sea Wall	240	Suffolk Coastal District Council		North Felixstowe Strategy Defence Database	1 - 5
SUF/D/21	Jacob's Ladder	Felixstowe	Chainage 73.11km to 73.19km. Reinforced concrete block (large) revetment with groynes. (FELB12)	Revetment	80	Suffolk Coastal District Council		North Felixstowe Strategy Defence Database	>20
SUF/D/22	Cobbolds Point	Cobbolds Point	Chainage 73.19km to 73.35km. Rock armour revetment in front of near concrete wall and two fishtail breakwaters. (FELB13)	Revetment	160	Suffolk Coastal District Council			11 - 20
SUF/D/23	Cobbolds Point (south)	Southern reach of Cobbolds Point	Chainage 73.35km to 73.47km. Limestone masonry wall typical size 300x200mm in mortar. Some loss of mortar. Eroded stone face and occasional stone missing. Reconstructed in 1955. (CPSE-454/5611/01).	Sea Wall	120	Private			11 - 20
SUF/D/24	Felixstowe	Mid Felixstowe	Chainage 73.47km to 73.91km. Concrete seawall with rock groynes.	Sea Wall	440	Suffolk Coastal District Council		Visual inspection only	>20
SUF/D/25	Felixstowe	Mid-Felixstowe contd.	Chainage 73.91km to 74.77km. Concrete seawall backed by concrete splash wall, with rock groynes.	Sea Wall	860	Suffolk Coastal District Council		Visual inspection only	1 - 5
SUF/D/26	Sea Road Wall and Floodwall A	In the vicinity of Felixstowe Pier	Chainage 74.77km to 75.07km. Mass concrete seawall with a promenade behind (at the same level as the seawall), with an additional secondary floodwall set back from the seawall by a variable amount (5m to 50m). Fronting the seawall is a sand and shingle m	Sea Wall	300	Suffolk Coastal District Council and Environment Agency	200	Southern Felixstowe Coastal Strategy Review (2007) - Defence Condition Assessment. NB Element ID1 is a floodwall (EA responsibility). All other defences are under the responsibility of SCDC. The groynes are timber with concrete cladding	6 - 10
SUF/D/27	Sea Road Wall and Floodwall B	Between Felixstowe Pier and Floodwall C.	Chainage 75.07km to 75.70km. Mass concrete seawall with a promenade behind (at the same level as the seawall), with an additional secondary floodwall set back from the seawall by a variable amount (5m to 50m). Fronting the seawall is a sand and shingle m	Sea Wall	630	Suffolk Coastal District Council and Environment Agency	200	Southern Felixstowe Coastal Strategy Review (2007) - Defence Condition Assessment. NB Element ID1 is a floodwall under the responsibility of the EA. The other defences are under the responsibility of SCDC. The groynes are timber with concrete cladding	1 - 5
SUF/D/28	Sea Road Wall and Floodwall C	In the vicinity of Orford Road where emergency rock works have been undertaken	Chainage 75.70km to 76.08km. Mass concrete seawall with a promenade behind (at the same level as the seawall), with an additional secondary floodwall set back from the seawall by a variable amount (5m to 50m). Fronting the seawall is a sand and shingle m	Sea Wall	380	Suffolk Coastal District Council and Environment Agency	200	Southern Felixstowe Coastal Strategy Review (2007)-Defence Condition Assessment. Element ID1 is a floodwall under the responsibility of the EA. The remaining elements are under the responsibility of SCDC. The groynes are timber with concrete cladding	<1
SUF/D/29	South Seafront Wall and Flood Defence	From approximately opposite Orford Road to just south of Manor Road.	Chainage 76.08km to 76.43km. The defence is a continuation of the original seawall and promenade seen to the north, with the secondary floodwall behind to compensate for the low crest level of the fronting seawall. The ageing concrete encased timber groy	Sea Wall	350	Suffolk Coastal District Council and Environment Agency	200	Southern Felixstowe Coastal Strategy Review (2007) - Defence Condition Assessment. Element ID1 is a floodwall under the responsibility of the EA. The remaining elements are under the responsibility of SCDC. The groynes are timber with concrete cladding	<1

Defence Reference	Name	Location	Description	Type	Length	Responsibility	Standard Of Defence	Last Inspection Comments	Residual Life At Last Inspection
SUF/D/30	Manor End Wall (and Flood Wall)	From just south of Manor Road to the end of the promenade at Manor End.	Chainage 76.43km to 76.60km. The defence is a continuation of the frontage to the north, with a concrete seawall fronted concrete encased timber groynes on the beach and a secondary floodwall behind.	Sea Wall	170	Suffolk Coastal District Council and Environment Agency	200	Southern Felixstowe Coastal Strategy Review (2007) - Defence Condition Assessment. Element ID1 is a floodwall under the responsibility of the EA. The remaining defences are under the responsibility of SCDC. The groynes are timber with concrete cladding	1 - 5
SUF/D/31	Manor Terrace and Seawall	From Manor End to Landguard Common	Chainage 76.60km to 76.93km. This defence changes from that seen to the north, and is also slightly set-back from the promenade wall to the north of Manor End. The seawall consists of a concrete block-work revetment with toe-piling and a crest wall about		330	Environment Agency			
SUF/D/32	Landguard Common Seawall	From the northern end of Landguard Common to the end of the floodwall.	Chainage 76.93km to 77.49km. This defence is similar to that to the north but has a stepped concrete apron rather than the concrete block work revetment. The seawall and concrete apron were constructed in 1985. A vegetated shingle area directly behind th		560	Environment Agency			
SUF/D/33	Landguard Shingle Bank	From the south end of the seawall to Landguard Point	Chainage The primary defence is a wide, healthy shingle ridge, the stability of which is aided by the Landguard Point Jetty to the south, which acts as a terminal groyne, preventing beach sediments from being deposited in the Harbour navigation channel. B		970	Environment Agency			