

Flood Cell	Name	Description	Current flood risk	Existing defences	Indicative Low Ground Levels mODN (and location)	2126 Flood risk	Short term (2026)	Long term (until 2126)	Connecting cells	Photo
1A	Upton / Allens Lane Industrial area	An area of residential housing. Also a sewage pumping station. The area has a natural frontage leading to tidal mud banks	Boarder Close, Willow Rd, Allens Lane	None/ earth bank	1.6 (commercial units)	Sewage pumping station, Boarder Close, Willow Rd, Allens Lane, pylons	Consider current SoP of Turlin Moor industrial estate and implement scheme if viable(linked to area outside BoP)	Adapt or implement scheme for climate change as required (linked to area outside of BoP)	None	
1B	Turlin Moor (East)	Residential housing estate with a school. The area has a natural frontage leading to tidal mud banks	School field	None/ earth bank	1.9 (school grounds)	School buildings and field	No action required (no assets at risk)	Implement a scheme to defend school at Turlin Moor	1C	
1C	Turlin Moor (West)	Residential housing estate. The area has a natural frontage leading to tidal mud banks	None	None/ earth bank	2.6(waterside gardens)	Residential properties along Egmont Road	No action required (no assets at risk)	Implement a scheme to defend western end of Turlin Moor	1B	
1D	Rockley Sands	Littoral area dominated by a caravan park on high ground. Area dissected by a railway embankment.	Sailing school	Cliffs / Sea wall and slipway around sailing school	1.7 (sailing school)	Sailing school	Consider need to defend sailing school. Maintain existing frontage	Adapt for climate change (or accept change in SoP)	None	
2A	Ham Common	To the western end the sailing school is at low level. Moving east the ground is high across the side of the caravan park and Ham Common before reaching the Marines Base and a residential marina.	Royal Marines Base	Marina and sea wall as adjacent	1.8	Royal Marines Base, residential properties on Lake road	MOD to maintain frontage as required	Adapt frontage for climate change considering potential links with 2b	2B	

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2B	Lower Hamworthy / Hamworthy Park	The western edge of the cell is residential housing and to the east is Hamworthy Park, a recreation area with a promenade and groynd beach.	Park and residential housing	EA flood wall at rear of park tying into yacht club revetment	1.5 (Gardens adjacent to Park)	Park and residential properties across to Blandford Road including Lulworth Avenue, Bransea Avenue, Ashcombe Avenue, school,	Evaluate effectiveness of existing Hamworthy Park Scheme. Monitor and maintain scheme to maintain required SoP	Adapt scheme for climate change as required	2D, 2C	
2C	Port of Poole	Port area for freight, ferry terminal and boat yards. A rail line serves the port area.	Industrial / port area, Yacht club	Quay walls (not formal defence)	1.2 (Port Road)	Industrial / port area, Yacht club, residential properties (all land in this cell)	Consider scheme to defend industrial units to north of area and vulnerability/resilience of waters edge business to south of cell	Adapt and extend scheme to defend entire area (note links to cells 2b and 2d)	2B and 2C	
2D	Former Power Station Regeneration Site	An area dominated by the site of a former power station. Some industrial units in use at the southern end of the cell. There is a live power transfer station at the northern end of the cell.	Proposed development area 20%	Quay walls	1.7 (Ivor Road)	Proposed development area 90%, football ground, waste transfer station	Consider minor works to prevent flooding to north of regeneration site	Implement scheme to defend entire frontage from climate change water level rise which will threaten regeneration area (linked to 2c)	2C, 2B	
2E	Holes Bay (west)	Predominately residential housing with a marina / boatyard in the centre and a school at the southern end. The frontage is a SPA.	Cobbs Quay, Falconer drive residential properties	Salt marsh SPA in front of houses with grass strip in front	2 (Falconer Drive)	Residential properties - Falconer drive, Hewitt Road, Finchcliff Road,	Consider flood risk at Falconer Drive and implement scheme if required	Implement scheme to defend residential properties (much wider area than short term) against climate change	2D	
3a	Stanley Green	A low lying industrial area extending inland with some residential housing.	Nuffield industrial estate, residential properties in Stanley green.			Industrial and residential properties.	No active intervention (no assets at risk)	Maintain frontage as defence, link development to neighbouring sub cells	3B	
3b	Creekmoor	Industrial and residential units lying on the course of Creekmoor.	Benbridge business park, Residential properties, Marshes End industrial. A30 and A350			Residential properties, Marshes end industrial	Investigate current flood risk and implement scheme to defend if viable	Adapt scheme or implement scheme to adapt for climate change	3A	

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3c	Holes Bay (north)	Pergins Island. Natural coastline fronting the A350 and Upton House	Land adjacent to Upton Country Park			No properties	Investigate implications of flood risk. Propose no active intervention.	Manage realignment	2E	
4a	Sterte	A low lying industrial are with some residential property to the south as well as a school, stadium and fire station. Sub cell fronted by the A350 and railway.	None	Rock revetment	1.4 (Sterte Ave)	Industrial Estate, School, Electricity substation, residential properties	Monitor frontage (maintain any existing assets)	Implement scheme to defend Sterte to address climate change	4B, 4D	
4b	West Quay Road Regeneration Site	Primarily an area of light industry. Also present are the RNLI and Sunseeker. There is a new housing development and superstore to the north.	RNLI, Sunseeker, show flat and Asda car park entrance. Development site	Pontoons and quay wall around Sunseeker and RNLI area, stone revetment around new development	1.5 (Quay)	RNLI, Sunseeker, show flat and Asda car park entrance. Development site and into cell 4C (Entire cell)	Improve SoP or raise ground to defend existing assets and release land for development	Maintain defences and adapt for climate change.	4A, 4C, 4D	
4c	Poole Old Town West	Historical centre of the town. Mainly commercial properties. The promenade and quay wall are well used.	Old town quay between bridge and commercial buildings, the Quay, Thames Street, Strand Street	Quay wall and EA flood wall	1.5 (Quay)	All except Hill street, Market street and upper section of Deer Hay Lane. Pumping station (surface water)	Maintain recently constructed defences to provide continued SoP	Adapt for climate change.	4B, 4D	

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4d	Poole Old Town (east)	A residential area with some commercial properties and a school towards the rail line.	Residential properties up to and including Emerson Road	EA flood wall linking into Baiter Park car park	1.6 (Green Road)	Residential properties, Dolphin shopping centre, bus station, superstore, car park	Maintain recently constructed defences to provide continued SoP	Adapt for climate change (linked to cell 4c)	4A, 4B, 4C, 4E	 
4e	Baiter Park and Poole Park	The cell is divided by the rail line. South of the rail line is Baiter Park and some residential housing. The park has a seaward promenade into cell 5a. To the North of the rail line is Poole Park, containing a boating lake and cricket ground.	Baiter park 40%	Rock revetment	1.8 (Catalina Drive)	Baiter Park, residential properties along Catalina Drive. From Boating lake, Hotel, Boat yard, residential properties sports areas	Maintain frontage through Baiter Park (property not currently at flood risk)	Adapt for climate change to defence houses beyond Baiter Park	4D, 5A	 

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5a	Whitecliff	Residential. The frontage is Whitecliff Harbourside Park recreation area leading around to a boatyard. The park has a promenade leading back into cell 4e.	Weston's point boat yard and boat house	90% Rock and 10% concrete revetment	1.3 (Sandbanks Road)	Weston's point boat yard and boat house, Whitecliff Harbourside park and residential properties behind.	Consider (need for) improvements to defend boatyard	Adapt for climate change including significant lengths of new/improved defence along length of whitecliff harbourside park	4E	
5b	Blue Lagoon frontage	Blue Lagoon. Residential properties surround the edge of a lagoon. There is a sailing club and slipway in the lagoon. There is a dock to the southern end.	Dock area and a couple of residential properties	Wall across lagoon and various walls to private properties within this	2 (Salterns)	Dock and residential properties in Salterns Way, lagoon Road and across the B3369	Improve Frontage to provide 1 in 200 SoP (mainly around marina)	Adapt (and significantly extend around blue lagoon) for climate change	None	
6a	Luscombe Valley	Luscombe valley. The frontage is the main road with a small sea wall. The valley then extends inland to a golf course and nature reserve. The area is residential.	1 or 2 residential houses and Sandbanks Road	Concrete wall adjacent to road v close to bay level in places	1.4 (Luscombe Valley)	More residential properties and Sandbanks road	Improve Frontage to provide 1 in 200 SoP	Adapt for climate change	6B	
6b	Sandbanks and whitly bay	This is the harbour side of a narrow sand spit. The road runs along the waterline with residential housing behind. A low sea wall is on the seaward side of the road.	Sandbanks Road and Hotel	Concrete wall adjacent to road	1.3 (Shore Road)	Shore Road and hotel, residential properties	Improve Frontage to provide 1 in 200 SoP	Adapt for climate change	6A	
6c	Panorama Bay	Residential housing area. The frontage is formed from residents' private garden frontage	Poss 1/2 residential houses	Private frontage with landing stages	1.6 (Public Car Park)	Many residential & comercial properties and 1 car park, Banks Road, Panorama Road	Riparian owners to maintain private frontage. EA/BoP frontage to be maintained as existing	EA/BoP frontage adapt for climate change (link to private frontage) Private frontage - Encourage improvements and climate change adaptation through planning. Consider EA adoption or FAS	6D	

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6d	Old Coastguard Road	Residential housing area. The frontage is formed from residents' private garden frontage. There is a yacht club and marina at the eastern end.	Yacht club and front residential properties	Private defences	1.8 (Seacombe Road)	Yacht club and large number of residential properties up to and including Seacombe, Brownsea, Grasmere, Panorama and Old Coastguard Roads	No BoP/EA action. Riparian owners to maintain	Encourage improvements and climate change adaptation through planning. Consider EA adoption or FAS	6C	
6e	North Haven Point	Residential housing area. The frontage is formed from residents' private garden frontage. There is a car park area along the frontage adjacent to the Brownsea Island ferry which runs from the southern end of the cell.	Landing stages and 1 residential properties	Private wall of varying construction behind rock revetment	2.2 (Banks Road)	Limited number of residential properties and Panorama Road	No BoP/EA action. Riparian owners to maintain	Encourage improvements and climate change adaptation through planning. Consider EA adoption or FAS	None	
6f	Sandbanks coastal frontage	This area is the coastal side of the harbour entrance. The western end has a hotel and private gardens fronted by sand dunes and a groyned beach. To the eastern end the groyned beach continues with a promenade, coastal attractions and a car park.	None	Groyne field and recharged beach	2 (Hotel)	None	Continue existing practice (inc. beach recharge and monitoring and maintenance of groynes)	Due for major refurbishment/replacement expected ~2050	None	