

Hotspots based on the study for 'Risk Assessment and Disaster Management - Plan for National Waterway - 1 by M/S Kitco Ltd., Kochi.

LIST OF HOTSPOTS WITH CHAINAGE AND ASSOCIATED RISK

Sl. No.	Ch. Start	Ch. End	Start Location Name	End Location Name	Criteria for Hot Spot	Most Probable Risk
1	0	2	Haldia	Nayachar Island	High traffic area, Cargo Jetty	Collision /Fire/ Spillage
2	2	4	Haldia	Nayachar Island	High traffic area, Cargo Jetty	Collision /Fire/ Spillage
3	4	6	DurgaChak	Balari Char	High traffic area	Collision
4	6	8	DurgaChak	Durga Nagar	High traffic area	Collision
5	8	10	DurgaChak	Durga Nagar	High traffic area	Collision
6	10	12	BanerwarChak	Kulpi	High traffic area	Collision
7	12	14	Begunbere	Kulpi	High traffic area	Collision
8	14	16	Begunbere	Chakrupelsakar	High traffic area	Collision
9	16	18	Begunbere	Harinarayanpur	High traffic area	Collision
10	18	20	Begunbere	Bhishnurampur	High traffic area	Collision
11	20	22	Begunbere	Rabindra Nagar	High traffic area	Collision
12	22	24	Erakhali	Diamond Harbour	High traffic area, Passenger ferry	Collision
13	24	26	Erakhali	Diamond Harbour	High traffic area	Collision
14	26	28	Erakhali	Harinarayanpur	High traffic area	Collision
15	28	30	Kukrahati	Singal ganja Abad	High traffic area, Passenger ferry	Collision
16	30	32	Kukrahati	Roychak	High traffic area, Tower line crossing	Collision / Sagging of tower line risking vessel and cargo
17	32	34	Latpatia	Roychak	High traffic area	Collision
18	34	36	ThenulBariya	Sukdebpur	High traffic area	Collision
19	36	38	Suklalpur	Sukdebpur	High traffic area, Passenger ferry	Collision
20	38	40	Gadiwara	Sukdebpur	High traffic area	Collision
21	40	42	Gurepol	Sriphalbaria	High traffic area	Collision
22	42	44	Kurchi Beria	Noorpur	High traffic area	Collision
23	44	46	Sibganga	Ramnagar	High traffic area	Collision
24	46	48	Dinga-Khola	Akalmegh	High traffic area	Collision
25	48	50	Alipur	Falta	High traffic area, Passenger ferry	Collision
26	50	52	Barkalia	Shyamsunderpur	High traffic area	Collision
27	52	54	Kasipur	Ahmadpur	High traffic area	Collision
28	54	56	Chandipur	Padmapur	High traffic area, Passenger ferry	Collision
29	56	58	Belari	Burul	High traffic area	Collision
30	58	60	Baganda	Bahirkunji	High traffic area	Collision
31	60	62	DakshinRamachandra	Godakhali	High traffic area	Collision
32	62	64	Hirapur	Godakhali	High traffic area	Collision
33	64	66	Hiraganja	DakshinRaypur	High traffic area	Collision
34	66	68	Kajiakhali	Birlapur	High traffic area	Collision
35	68	70	Kalinagar	Jagatballavpur	High traffic area	Collision
36	70	72	Uluberia	Achipur	High traffic area, Passenger ferry	Collision
37	72	74	Fuleswar	Pujali	High traffic area, Cargo Jetty	Collision /Fire/ Spillage
38	74	76	Sijberia	Pujali	High traffic area, Passenger ferry	Collision
39	76	78	Chakashi	Pujali M	High traffic area	Collision
40	78	80	Hat Bauria	Joychandipur	High traffic area, Passenger ferry, Cargo Jetty	Collision /Fire/ Spillage
41	80	82	Radhanagar	Shyampur	High traffic area	Collision
42	82	84	Raghudebatti	Chakchandul	High traffic area, Passenger ferry	Collision
43	84	86	Sarenga	Palpara	High traffic area	Collision
44	86	88	Manikpur	Uludanga	High traffic area	Collision
45	88	90	Osmanpur	Dakshini Housing Estate	High traffic area	Collision
46	90	92	Sankralijala	Badartala	High traffic area	Collision
47	92	94	Hatgacha	Badartala	High traffic area	Collision
48	94	96	Chunavati	SirajBasti	High traffic area, Cargo Jetty	Collision /Fire/ Spillage
49	96	98	Gaubari	BichaliGhat	High traffic area, Cargo Jetty	Collision /Fire/ Spillage
50	98	100	Botanical Garden	NSDock (KoPT)	High traffic area, Cargo Jetty, Narrow/dense settlement	Collision /Fire/ Spillage
51	100	102	Kazipara	Kidderpore (KoPT)	High traffic area, Cargo Jetty, Road Bridge	Collision /Contact /Fire/ Spillage
52	102	104	Naora	Fort William	High traffic area, Passenger ferry	Collision
53	104	106	Howra railway station	Fairley Palace	High traffic area, Passenger ferry, Critical Bridge	Collision /Contact /Fire/ Spillage
54	106	108	Mali Panchghara	Ahiritola	High traffic area, Passenger ferry	Collision
55	108	110	Ghusur	Chitpur	High traffic area, Passenger ferry, Tower line crossing	Collision / Sagging of tower line risking vessel and cargo
56	110	112	Belur Math	RatanBabuGhat	High traffic area, Passenger ferry	Collision
57	112	114	Bally	Barahanagar	High traffic area, Passenger ferry, Critical Bridge	Collision /Contact
58	114	116	Kotrung	Jayasreenagar	High traffic area, Passenger ferry	Collision
59	116	118	Debajpukur	Nehabootnagar	High traffic area	Collision
60	118	120	Arabinda Pally	Angus Nagar Colony	High traffic area, Passenger ferry	Collision
61	120	122	Dharmadanga	Kulinpara	High traffic area, Passenger ferry	Collision
62	156	158	Tribeni	Kalyani	Passenger ferry, Cargo Jetty	Collision /Fire/ Spillage
63	168	170	Baneswarpur	Malopara	Passenger ferry, Eroding banks, Eroding tower line, Critical curve	Collision / Sagging of tower line risking vessel and cargo/stability issues for loaded vessels
64	202	204	Sultanpur	Char Sultanpur	Passenger ferry, Ro-Ro ferry	Collision

Sl. No.	Ch. Start	Ch. End	Start Location Name	End Location Name	Criteria for Hot Spot	Most Probable Risk
65	206	208	Kuledaha	Beltala	Passenger ferry, High traffic area, Ro-Ro ferry	Collision
66	208	210	Kalna	Nrisinghapur	Passenger ferry, High traffic area, Narrow/dense settlement	Collision
67	242	244	Nabadwip	Char Brahmanagar	Passenger ferry, High traffic area	Collision
68	252	254	Chupi	Kuturaia	Highly critical curve	Stability issues for loaded vessels
69	254	256	Sajiara	Kuturaia	Highly critical curve	Stability issues for loaded vessels
70	306	308	Mondalhat	Ballavpara	Passenger ferry, Ro-Ro ferry, Channel Siltation Area	Collision / Grounding
71	308	310	Katwa	Ballavpara	Passenger ferry, High traffic area	Collision
72	318	320	Kalyanpur	Raghupur	Passenger ferry, Highly critical curve	Collision / stability issues for loaded vessels
73	330	332	Kadkhali	Char Palasi	Passenger ferry, Ro-Ro ferry	Collision
74	380	382	Ranibagan	Gora Bazar	Passenger ferry, High traffic area, Road bridge	Collision /Contact
75	382	384	Khagraghat	Khaghra	Passenger ferry, High traffic area	Collision
76	396	398	MahinagarDiar	Azadhindbagh	Passenger ferry, High traffic area	Collision
77	398	400	Azimganj	Jiaganj	Passenger ferry, High traffic area	Collision
78	416	418	Singechwari	Bhatpara	Highly critical curve	Stability issues for loaded vessels
79	418	420	Arijpur	Bhatpara	Highly critical curve	Stability issues for loaded vessels
80	442	444	Elaspur	Bahara	Highly critical curve	Stability issues for loaded vessels
81	454	456	Basudebpur	Tantipara	High traffic area, Road bridge, Narrow/dense settlement	Collision /Contact
82	458	460	Khidirpur	Char Sekandara	Highly critical curve	Stability issues for loaded vessels
83	480	482	Bhasaipaikar	Ghoramara	Critical Bridge, Tower line crossing	Contact/ Sagging of tower line risking vessel and cargo
84	496	498	Chandipur	Chauki	Cargo Jetty, Narrow/dense settlement, Tower line crossing, Multiple bridge	Fire/Spillage/Sagging tower line risking vessel
85	498	500	Srimantapur	Farakka	Passenger ferry, Cargo Jetty	Collision/Fire/Spillage
86	500	502	Bewa	Farakka	Lock gate, Critical curve, Cargo Jetty	Contact/Stability issue for vessel/Spillage/Fire
87	502	504	Gobindarampur	Gobindarampur	Passenger ferry, Narrow/dense settlement, Highly critical curve	Collision/Stability issue for vessel
88	536	538	Raniganj	Narayanpur	High traffic area, Ro-Ro ferry,	Collision
89	538	540	Rajmahal	PaschimNarayanpur	High traffic area, Ro-Ro ferry	Collision
90	540	542	Rajmahal	PaschimNarayanpur	Passenger ferry, High traffic area	Collision
91	578	580	Sahibganj	Bhagwanpur	Passenger ferry, Ro-Ro ferry, Cargo Jetty	Collision/Fire/Spillage
92	590	592	LalBathaniMillk	Rampur Ogairah	High traffic area, Ro- Ro ferry	Collision
93	592	594	LalBathaniMillk	Manihari	High traffic area	Collision
94	610	612	Hirdenagar Kant Nagar	Modichak	Eroding tower line	Tower line sagging / collapse risking vessel
95	644	646	Kahalgon	Tintanga	Passenger ferry, VikramshilaGangetic Dolphin Sanctuary, High traffic area, Ro-Ro ferry	Collision/any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
96	646	648	Kahalgon	Tintanga	VikramshilaGangetic Dolphin Sanctuary, High traffic area	Collision/any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
97	648	650	Kahalgon	Tintanga	VikramshilaGangetic Dolphin Sanctuary	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
98	650	652	Kahalgon	Tintanga	VikramshilaGangetic Dolphin Sanctuary	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
99	652	654	Rampur GandharpMilik	Dimha	VikramshilaGangetic Dolphin Sanctuary	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
100	654	656	Rampur GandharpMilik	Dimha	VikramshilaGangetic Dolphin Sanctuary	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
101	656	658	Rampur GandharpMilik	Dimha	VikramshilaGangetic Dolphin Sanctuary	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
102	658	660	Rampur GandharpMilik	Ismail pur	VikramshilaGangetic Dolphin Sanctuary, Eroding banks	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
103	660	662	Kamlakund	Ismail pur	VikramshilaGangetic Dolphin Sanctuary, Eroding banks	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
104	662	664	Budhuchak	Ismail pur	VikramshilaGangetic Dolphin Sanctuary, Eroding banks	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
105	664	666	Budhuchak	Emadpur	VikramshilaGangetic Dolphin Sanctuary, Eroding banks	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
106	666	668	Salarpur	Emadpur	VikramshilaGangetic Dolphin Sanctuary	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
107	668	670	Pharka	Emadpur	VikramshilaGangetic Dolphin Sanctuary	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
108	670	672	Pharka	Raziuddinpur	VikramshilaGangetic Dolphin Sanctuary	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
109	672	674	Bhagalpur	Mahadeopur	VikramshilaGangetic Dolphin	Any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem

Sl. No.	Ch. Start	Ch. End	Start Location Name	End Location Name	Criteria for Hot Spot	Most Probable Risk
110	674	676	Bhagalpur	Mahadeopur	Sanctuary VikramshilaGangetic Dolphin Sanctuary	
111	676	678	Bhagalpur	Mahadeopur	VikramshilaGangetic Dolphin Sanctuary, Road Bridge	Contact/ any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
112	678	680	Jalalpur	Raghopur	VikramshilaGangetic Dolphin Sanctuary	any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
113	680	682	Jalalpur	Raghopur	VikramshilaGangetic Dolphin Sanctuary	
114	682	684	Jalalpur	Raghopur	VikramshilaGangetic Dolphin Sanctuary	
115	684	686	Jhau	Kazi Koraia	VikramshilaGangetic Dolphin Sanctuary	
116	686	688	Jhau	Kazi Koraia	VikramshilaGangetic Dolphin Sanctuary	
117	688	690	Mohanpur	Faridpur	VikramshilaGangetic Dolphin Sanctuary	
118	690	692	Mohanpur	Faridpur	VikramshilaGangetic Dolphin Sanctuary	
119	692	694	Ajmeripur	Tekwazpur	VikramshilaGangetic Dolphin Sanctuary	
120	694	696	Mirzapur	Tekwazpur	VikramshilaGangetic Dolphin Sanctuary	
121	696	698	Mirzapur	Saiduddinpur	VikramshilaGangetic Dolphin Sanctuary	
122	698	700	Mirzapur	Saiduddinpur	VikramshilaGangetic Dolphin Sanctuary	
123	700	702	Gangapur	Dudhaila	VikramshilaGangetic Dolphin Sanctuary	
124	702	704	Gangapur	Dudhaila	VikramshilaGangetic Dolphin Sanctuary	
125	704	706	Gangapur	Gaura	VikramshilaGangetic Dolphin Sanctuary	
126	706	708	Shahabad	Gaura	VikramshilaGangetic Dolphin Sanctuary	
127	708	710	Shahabad	Shahabad	VikramshilaGangetic Dolphin Sanctuary	
128	710	712	Shahabad	Shahabad	VikramshilaGangetic Dolphin Sanctuary	
129	712	714	Sultanganj	Madhopurpatpar	VikramshilaGangetic Dolphin Sanctuary	
130	714	716	Sultanganj	Madhopurpatpar	Passenger ferry, VikramshilaGangetic Dolphin Sanctuary, Ro- Ro ferry, Road Bridge	Collission/ any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem/Contact
131	716	718	Sultanganj	Madhopurpatpar	VikramshilaGangetic Dolphin Sanctuary, High traffic area	Collission/ any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
132	820	822	Simariya	Hathida	High traffic area, Tower line crossing, Critical Bridge	Collission/ Contact /Tower line sagging / collapse risking vessel
133	892	894	GhansurpurDiara	Ghanspur	Pontoon Bridge	Contact
134	910	912	Saidabad	Tillak Nagar	High traffic area, Tower line crossing, Passenger ferry, Pontoon Bridge	Collission/ Contact / Tower line sagging / collapse risking vessel
135	914	916	Bidupur	Sabalpur	Eroding tower line, Road Bridge	Tower line sagging / collapse risking vessel/Contact
136	922	924	Hajipur	Patna	High traffic area, Channel siltation area, Cargo Jetty, Pontoon Bridge, Road bridge, Narrow/dense settlement	Collission / Grounding/Spillage/Fire/Contact
137	936	938	NaktaDiyara	Mithila	Cargo Jetty	Spillage/Fire
138	938	940	Panapur	Takiapur	Pontoon Bridge	Contact
139	958	960	DiaraSingahi	HaldiChhapra	High traffic area,	Collission
140	960	962	DiaraSingahi	HaldiChhapra	High traffic area, Channel siltation area, Passenger ferry	Collission/Grounding
141	962	964	JatiaBajidpur	Todarpur	High traffic area,	Collission
142	990	992	KondarhaUparwar	Parasrampur	Pontoon Bridge	Contact
143	1016	1018	Shri Nagar	Gangawali	Pontoon Bridge	Contact
144	1028	1030	Dagarabad	Dangrabad	Tower line crossing, Pontoon Bridge	Tower line sagging / collapse risking vessel/Contact
145	1046	1048	Paikawali	ShivpurDiyarSaraju Khd	Passenger ferry, Pontoon Bridge, Road Bridge	Collission /Contact
146	1078	1080	Sarya	GholaGhat	High traffic area, Passenger ferry	Collission
147	1110	1112	NarainpurUrfHariharipur	AndhiTilwa	Pontoon Bridge	Contact

Sl. No.	Ch. Start	Ch. End	Start Location Name	End Location Name	Criteria for Hot Spot	Most Probable Risk
148	1120	1122	NagwaUrfNawapura	Gangbararjuvraipur	Cargo Jetty	Spillage /Fire
149	1126	1128	Foolpur	GangbararMednipur	High traffic area, Channel siltation area, Tower line crossing, Multiple bridge	Collision/Grounding/ Tower line sagging / collapse risking vessel/Contact
150	1128	1130	Barbarahana	GangbararTari	High traffic area, Channel siltation area	Collision /Grounding
151	1150	1152	Dharamarpur	Karbala	Channel siltation area, Eroding banks, Pontoon Bridge	Grounding/Contact
152	1172	1174	Sarauli	GangwaraNakanwa Medhw	Tower line crossing, Passenger ferry, Pontoon Bridge	Tower line sagging /Collision /Contact
153	1238	1240	Ganga Nagar	Suzabad	Channel siltation area, Critical Bridge	Grounding/Contact
154	1240	1242	GhasiTola	Ratanpur	High traffic area, Kashi Turtle Sanctuary, Narrow/dense settlement	Collision/ any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem
155	1242	1244	Gauriganj	Katesar	High traffic area, Kashi Turtle Sanctuary, Narrow/dense settlement	
156	1244	1246	Nagwa Lanka	Ramnagar	High traffic area, Channel siltation area, Kashi Turtle Sanctuary	
157	1246	1248	Rajghat	Susabad	High traffic area, Tower line crossing, Kashi Turtle Sanctuary, Road Bridge	Collision/ any spillage/fire/explosion type of disaster critically affecting most sensitive ecosystem/Contact
158	1248	1250	Varanasi	Ramnagar	High traffic area, Eroding banks, Tower line crossing, Cargo Jetty, Road Bridge	Collision/ Tower line sagging / collapse risking vessel/ spillage/fire/Contact
159	1322	1324	Puranebada	Mirzapur	Passenger ferry, Critical Bridge	Collision /Contact
160	1340	1342	Pureraji	Babhani Mu. Parawa	Pontoon Bridge	Contact
161	1382	1384	BhurraTari	MahewaKhurd	Eroding banks, Pontoon Bridge	Contact/grounding
162	1398	1400	TelaKhas	ChakVishunDutt	Tower line crossing, Pontoon Bridge	Tower line sagging / collapse risking vessel/Contact
163	1404	1406	KandalaMavaia	ParanipurUparhar	Eroding tower line, Passenger ferry	Tower line sagging / collapse risking vessel/Collision
164	1410	1412	Garhawa	Dubeypur	Tower line crossing, Passenger ferry	Tower line sagging / collapse risking vessel/Collision
165	1414	1416	Teliyatara	Sisra	Eroding banks, Passenger ferry, Pontoon Bridge	Tower line sagging / collapse risking vessel/Collision
166	1446	1448	DewrakhKa Char	Mawaiya Ta. JavthanKa Char	Tower line crossing, Pontoon Bridge	Tower line sagging / collapse risking vessel/Collision
167	1448	1450	Jhusi	ChakBeniram, Naini	Channel siltation area, Tower line crossing, Pontoon Bridge, Mass Gathering location	Grounding/ Tower line sagging / collapse risking vessel/more vulnerable people in case of accidents
168	1450	1452	Daraganj&Jhusi	ChakHiranand, Naini	High traffic area, Channel siltation area, Mass Gathering location, Passenger ferry	Collision/Grounding/ /more vulnerable people in case of accidents
169	1452	1454	Allahabad	Maheshwa Patti PurbaUparhar, Naini.	High traffic area, Tower line crossing, Mass gathering location, Narrow/dense settlement, Road bridge, Passenger ferry	Collision/ Tower line sagging / collapse risking vessel/ /more vulnerable people in case of accidents/contact