

Table 1-19 Woodcock Vantage Point Survey Observation

Map Ref. No.	Date	VP	Species	No. of Birds	Time of flight	Duration of flight (s)	Duration Within 500m Buffer of Site Boundary	Duration Outside	Band 1 (0-10m)	Band 2 (10-25m)	Band 3 PCH (25-175m)	Band 4 (>175m)	Notes on habitat and activity	Comments	Surveyor
WK001	29/04/2019	3	Woodcock	1	21:18:00	8	8		8				WD4, (Conifer plantation) RODING MALE		AOD

Table 1-20 Breeding Woodcock Survey Observations

Map Ref. No.	Date	Transect/VP/Area	Species Name	No. of Birds	Time of flight	Duration of flight (s)	Notes on habitat and activity	Comments	Surveyor
WK001	04/06/2019	1	Woodcock	1	22:20:00	27	WD4, (Conifer plantation) Roding, flying and calling above and along forest road		PW
WK002	04/06/2019	1	Woodcock	1	22:30:00	10	WD4, (Conifer plantation) Roding, flying and calling		PW

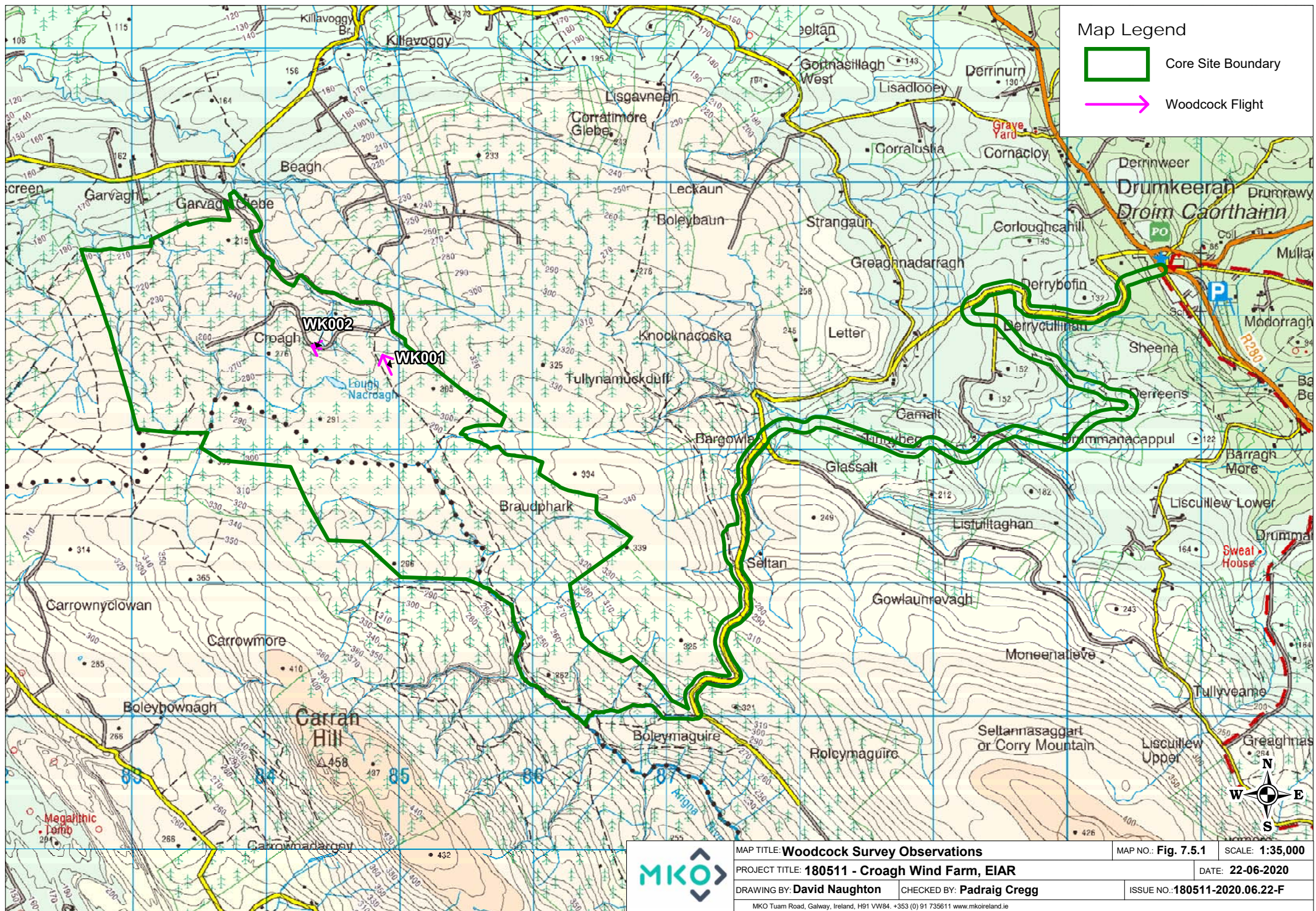


Table 1-21 Curlew Vantage Point Survey Flight

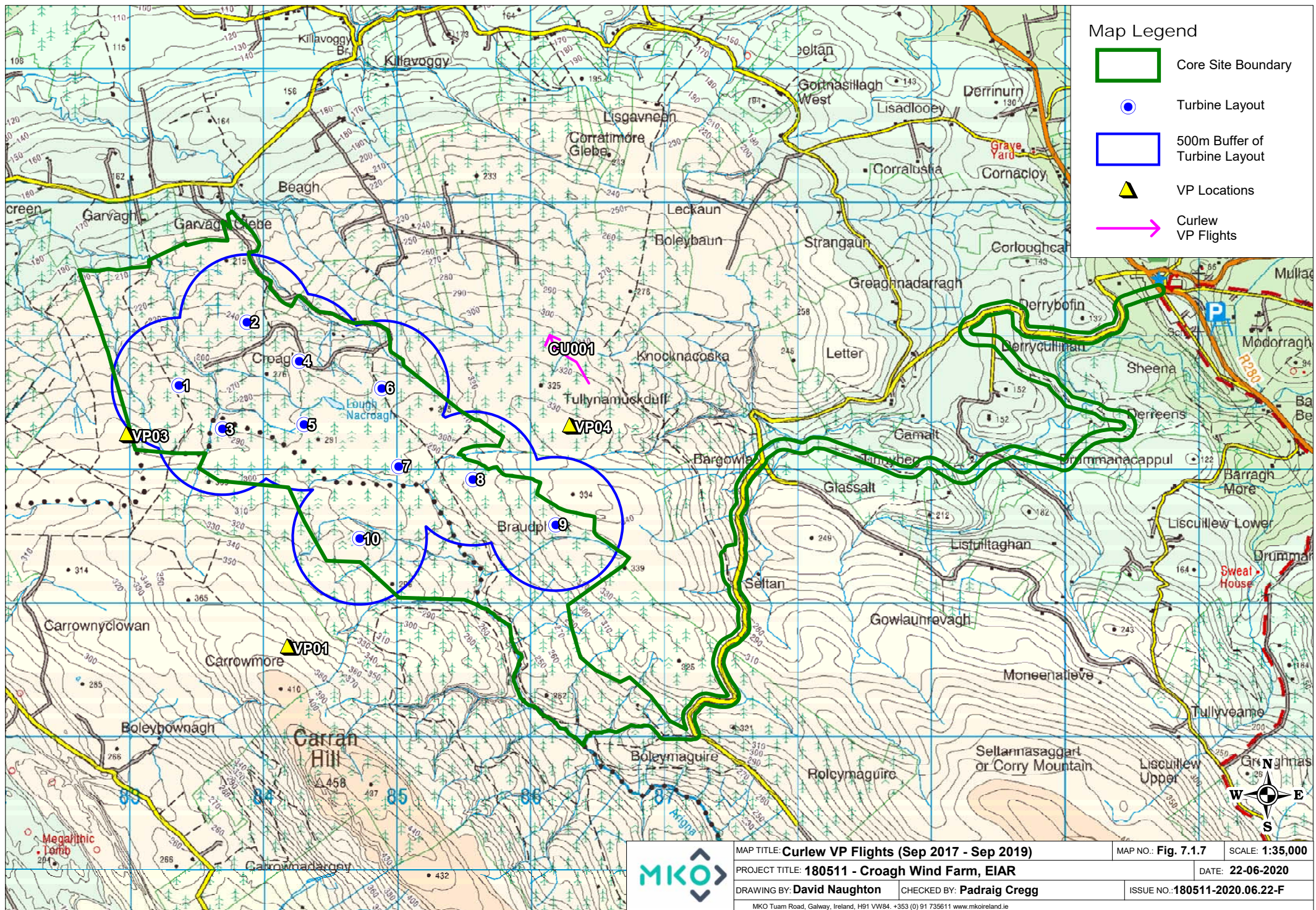
Map Ref. No.	Date	VP	Species	No. of Birds	Time of flight	Duration of flight (s)	Duration Within 500m of Site Boundary	Duration Outside	Band 1 (0-10m)	Band 2 (10-25m)	Band 3 PCH (25-175m)	Band 4 (>175m)	Notes on habitat and activity	Comments	Surveyor
CU001	29/04/2018	4	Curlew	1	09:45:00	10	0	10		10			flying over conifers		SF

Table 1-22 Curlew Vantage Point Survey Non-Visual Observations

Map Ref. No.	Date	VP	Species	No. of Birds	Time of flight	Notes on habitat and activity	Comments	Surveyor
CU002	29/04/2018	4	Curlew	1	05:28:00	Calling on site		SF
CU003	29/04/2018	4	Curlew	1	05:56:00	Calling off site		SF
CU004	29/04/2018	4	Curlew	1	06:45:00	on bog, on site		SF
CU005	29/04/2018	4	Curlew	2	07:18:00	on site calling		SF
CU006	29/04/2018	4	Curlew	1	07:53:00	calling		SF

Table 1-23 Curlew Incidental Observations

Ref. No.	Date	Survey Type	Location	Species	No. of Individuals	Notes	Surveyor
CU001	25/03/2018	Hen Harrier Roost Survey	Site 1	Curlew		Curlew heard bubbling/calling on and off for 28 seconds	LD
CU001	25/03/2018	Hen Harrier Roost Survey	Site 1	Curlew		Heard Calling again from the same location	LD



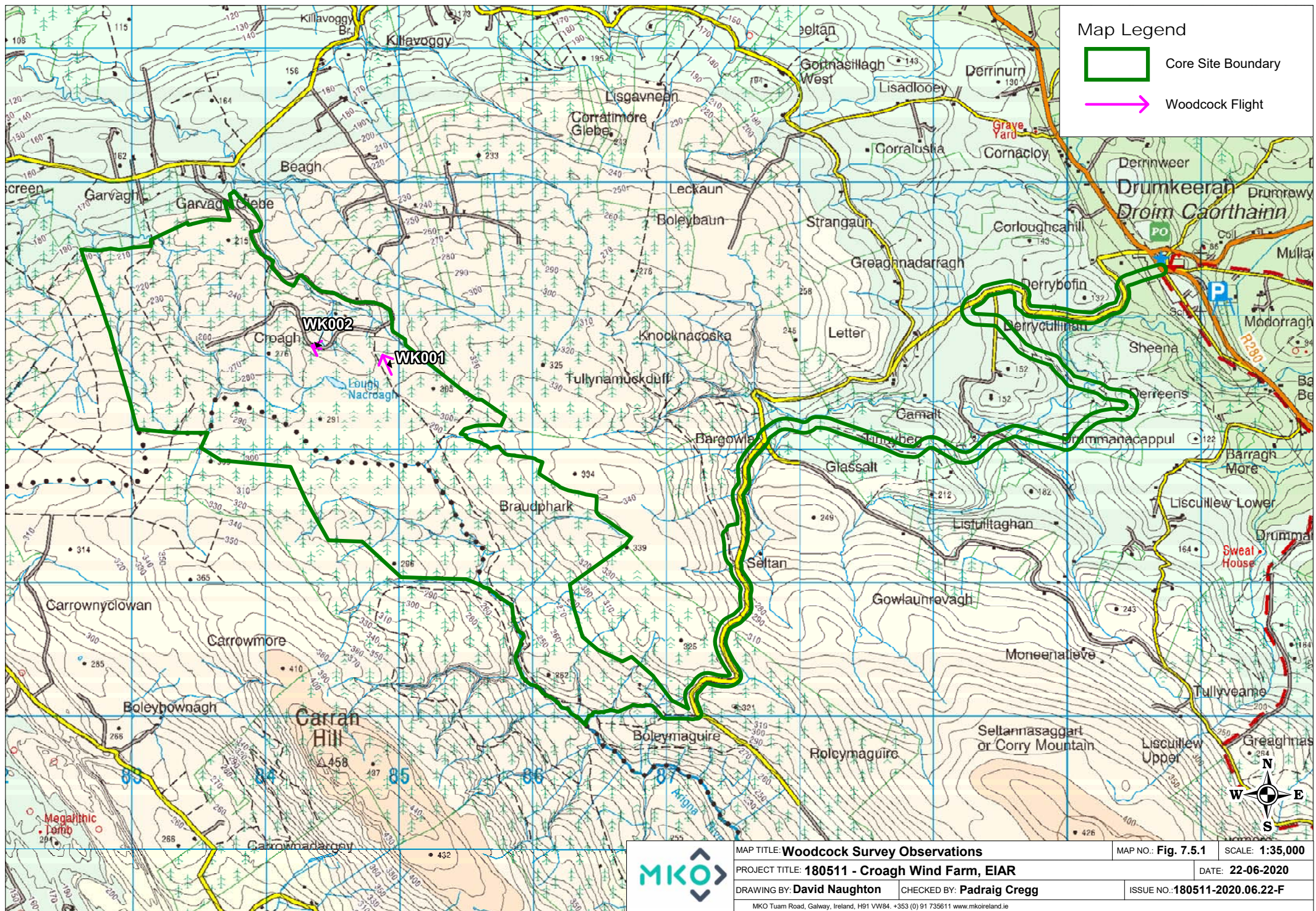


Table 1-24 Buzzard Vantage Point Survey Observations

Map Ref. No.	Date	VP	Species	No. of Birds	Time of flight	Duration of flight (s)	Duration Within 500m Buffer of Site Boundary	Duration Outside	Band 1 (0-10m)	Band 2 (10-25m)	Band 3 PCH (25-175m)	Band 4 (>175m)	Notes on habitat and activity	Comments	Surveyor
BZ001	24/10/2017	3	Buzzard	1	13:35:00	47				20	27		Soaring, flap/glide, d/w, hunting.		CP
BZ002	24/02/2018	1	Buzzard	1	13:02:00	384				35	349		WD4, (Conifer plantation) PB2, (Upland blanket bog)	Meandered against wind flow, rising from 20-150m until lost from view	RW
BZ003	29/04/2018	4	Buzzard	1	10:00:00	30	30		30				WD4, (Conifer plantation) Flies onto ground and then up into a tree perched approx 1.5km away		SF
BZ004	29/04/2018	4	Buzzard	1	10:18:00	420	420	20			400		WD4, (Conifer plantation) Buzzard soars on thermals		SF
BZ005	29/04/2018	4	Buzzard	1	10:59:00	20	20		20				WD4, (Conifer plantation) Buzzard flies below turbine prop at tree height <10m		SF
BZ006	01/11/2018	3	Buzzard	1	15:48:00	400	400	0			400		WD4, (Conifer plantation) PB2, (Upland blanket bog) Soaring		AOD
BZ007	14/03/2019	3	Buzzard	1	10:12:00	127			0	0	127		PB2, (Upland blanket bog) WD4, (Conifer plantation) Undulating flight in wind while heading N at 25-50m		RW
BZ008	26/03/2019	1	Buzzard	1	10:02:00	102			0	14	88	0	WD4, (Conifer plantation) PB2, (Upland blanket bog) Circled up to 60m over edge of forestry then moved S, passing over hill near VP at 15-20m	adult	RW

Map Ref. No.	Date	VP	Species	No. of Birds	Time of flight	Duration of flight (s)	Duration Within 500m Buffer of Site Boundary	Duration Outside	Band 1 (0-10m)	Band 2 (10-25m)	Band 3 PCH (25-175m)	Band 4 (>175m)	Notes on habitat and activity	Comments	Surveyor
BZ009	05/06/2019	3	Buzzard	1	16:59:00	10		10		10			WD4, (Conifer plantation) HH1, (Dry siliceous heath) Flying		PW
BZ0011	18/06/2019	1	Buzzard	1	15:31:00	10		10			10		HH1, (Dry siliceous heath) BZ soaring over ridgeline in distance, disappearing behind the ridge.		PW

Table 1-25 Buzzard Breeding Walkover Survey Observation

Map Ref. No.	Date	Transect	Species	No. of Birds	Time of flight	Duration of flight (s)	Notes on habitat and activity	Comments	Surveyor
BZ001	18/04/2019		Buzzard	1	11:44:00		Buzzard heard calling on and off for around a minute and a half behind a tall stand of conifers but did not see the bird.	Adult male	LD
BZ002	25/06/2019		Buzzard	1			Adult soaring band2 30s	Male flew SE 4S B1	AOD

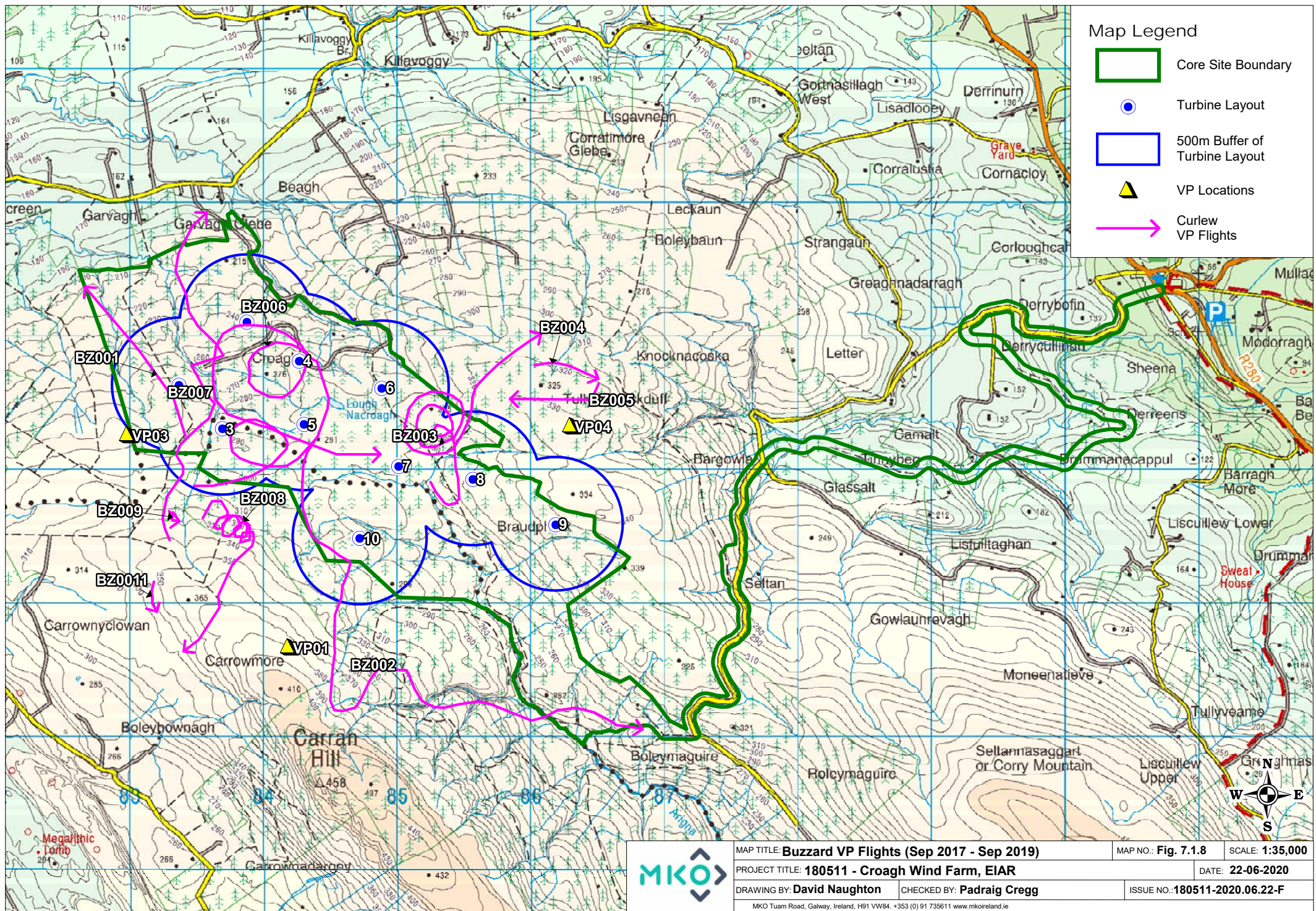
Table 1-26 Buzzard Breeding Raptor Observations

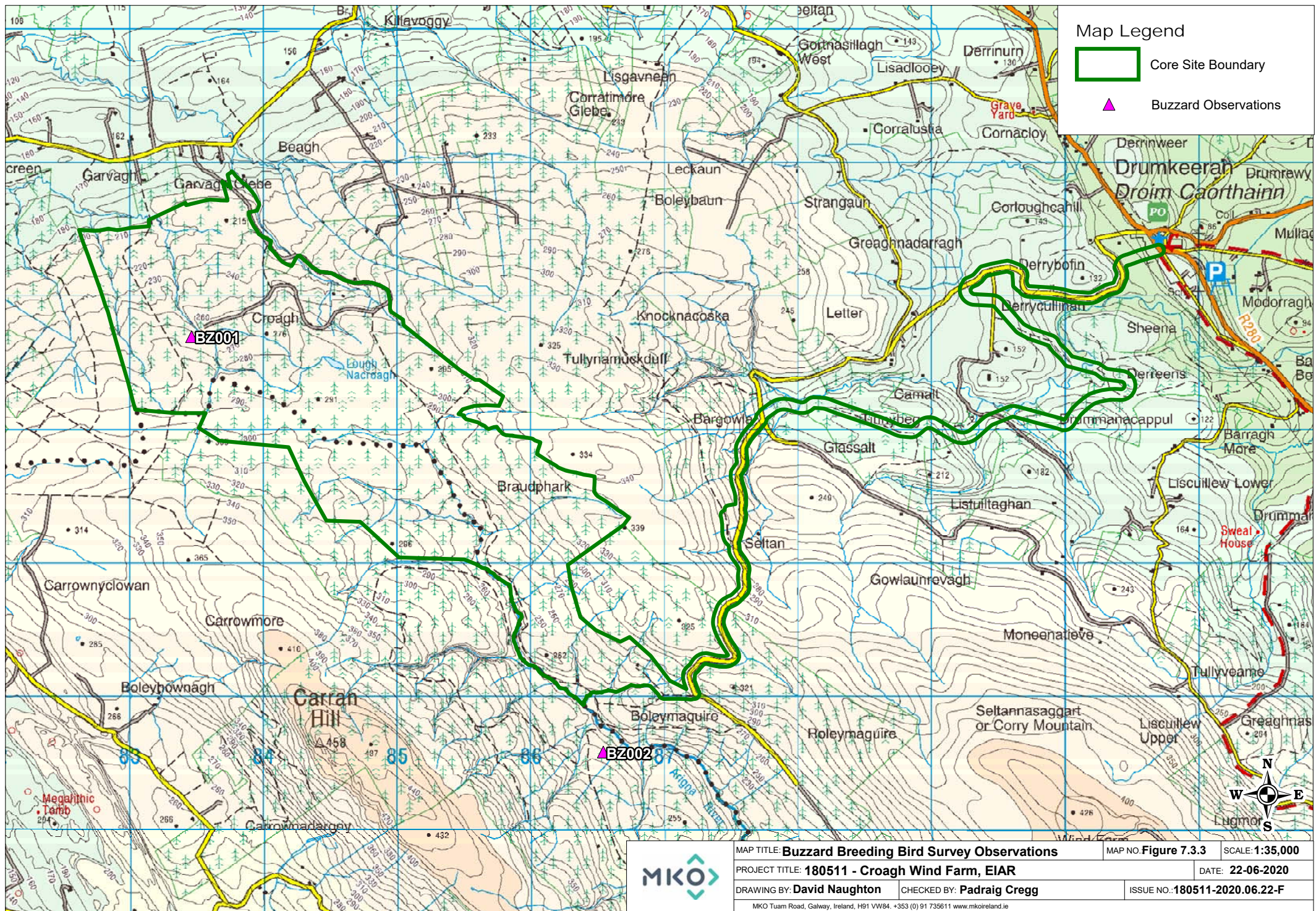
Map Ref. No.	Date	RVP	Species	No. of Birds	Time of flight	Duration of flight (s)	Notes on habitat and activity	Comments	Surveyor
BZ001	14/04/2018	VP_B	Buzzard	1	10:23:00		WD4, (Conifer plantation) GS4, (Wet grassland) Calling	Buzzard heard calling a few times behind the tall conifers in the distance, about 1km east of the VP-B.	LD
BZ002	06/05/2018	VP-B	Buzzard	1	13:36:00		WD4, (Conifer plantation) Calling	Buzzard heard calling again a couple of times, from the same area s the last survey at VP-B behind the tall conifers, but not seen. Approx. Grid Ref: G 9040 2735.	LD
BZ003	12/05/2018	VP-C	Buzzard	1	08:31:00	21	GS4, (Wet grassland) HH1, (Dry siliceous heath) WD4, (Conifer plantation) Soaring	Buzzard flying north-east over moorland, over a hill and out of view.	LD
BZ004	12/05/2018	VP-C	Buzzard	1	08:32:00	14	GS4, (Wet grassland) HH1, (Dry siliceous heath) WD4, (Conifer plantation) Soaring	Shortly followed by another Buzzard heading in the same direction. Presumably a pair.	LD

Map Ref. No.	Date	RVP	Species	No. of Birds	Time of flight	Duration of flight (s)	Notes on habitat and activity	Comments	Surveyor
LD101	25/04/2019	VP1	Buzzard	2	10:22:00	81	HH1, (Dry siliceous heath) WD4, (Conifer plantation) GS4, (Wet grassland) Travelling	Saw a pair of Buzzard's travelling in flight. The birds were flying south-west over moorland, before dropping low over conifers. See map for location.	LD
BZ006	02/05/2019	6	Buzzard	2	10:38:00	16	GS4, (Wet grassland) WD4, (Conifer plantation) Soaring, then travelling	Saw a pair of Buzzard's soaring initially, then travelling in flight around 0.5km north-west of VP6.	LD
BZ007	22/05/2019	1	Buzzard	1	10:17:00	909	WD4, (Conifer plantation) GS4, (Wet grassland) HH1, (Dry siliceous heath) Travelling, then landing.	Buzzard seen in flight travelling over moorland. It landed in trees for around 15 minutes, before flying off again.	LD
BZ008	22/05/2019	1	Buzzard	1	10:32:00	26	WD4, (Conifer plantation) GS4, (Wet grassland) HH1, (Dry siliceous heath) Travelling.	Second Buzzard seen flying from east to west, in the direction of the first bird seen above.	LD
LD102	02/06/2019	2	Buzzard	1	08:06:00	7	GS4, (Wet grassland) WD4, (Conifer plantation) Travelling	Buzzard seen briefly in flight before losing it behind trees. It was travelling north-east towards an area where a pair has been seen from VP1.	LD

Table 1-27 Buzzard Incidental Observation

Ref. No.	Date	Survey Type	Location	Species	No. of Individuals	Notes	Surveyor
	09/05/2019	Breeding Raptor	Close to VP 3 and 5	Buzzard	1	Probable Buzzard seen in flight travelling over moorland when heading off site. I was driving at the time, so cannot confirm this.	LD





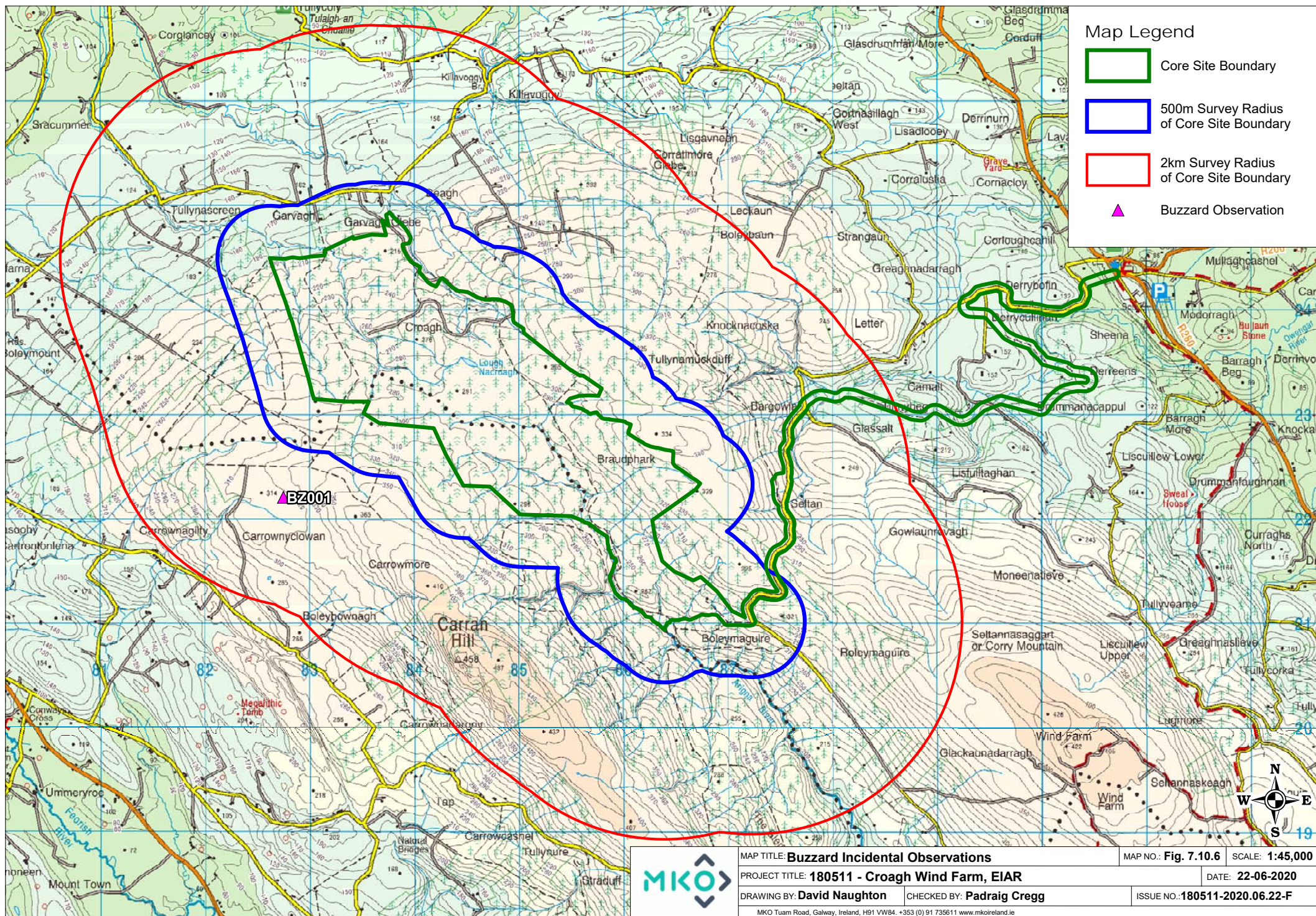


Table 1-28 Sparrowhawk Vantage Point Survey Data

Map Ref. No.	Date	VP	Species	No. of Birds	Time of flight	Duration of flight (s)	Duration Within 500m Buffer of Site Boundary	Duration Outside	Band 1 (0-10m)	Band 2 (10-25m)	Band 3 PCH (25-175m)	Band 4 (>175m)	Notes on habitat and activity	Comments	Surveyor
SH001	13/08/2018	4	Sparrowhawk	1	16:10:00	10		10		10			WD4, (Conifer plantation) hunting in conifers		DM
SH002	23/10/2018	1	Sparrowhawk	1	15:30:00	40		40	40				WD4, (Conifer plantation) GS4, (Wet grassland) Hunting perched	Female adult	AOD
SH004	13/06/2019	4	Sparrowhawk	1	14:01"08	118	118				110	8	WD4, (Conifer plantation) Soaring before disappearing from view after rising above PCH.		PW

Table 1-29 Sparrowhawk Breeding Walkover Survey Data

Map Ref. No.	Date	Transect	Species	No. of Birds	Time of flight	Duration of flight (s)	Notes on habitat and activity	Comments	Surveyor
SH001	18/04/2019	South-West	Sparrowhawk	1	12:41:00		Scrub Flushed, then flying	Flushed a Sparrowhawk from an area of scrub, which was seen briefly before flying out of view.	LD
SH002	24/06/2019		Sparrowhawk	1				Adult male flew from tree. Flew south B2 40s.possible nest in Sitka tree.	AOD

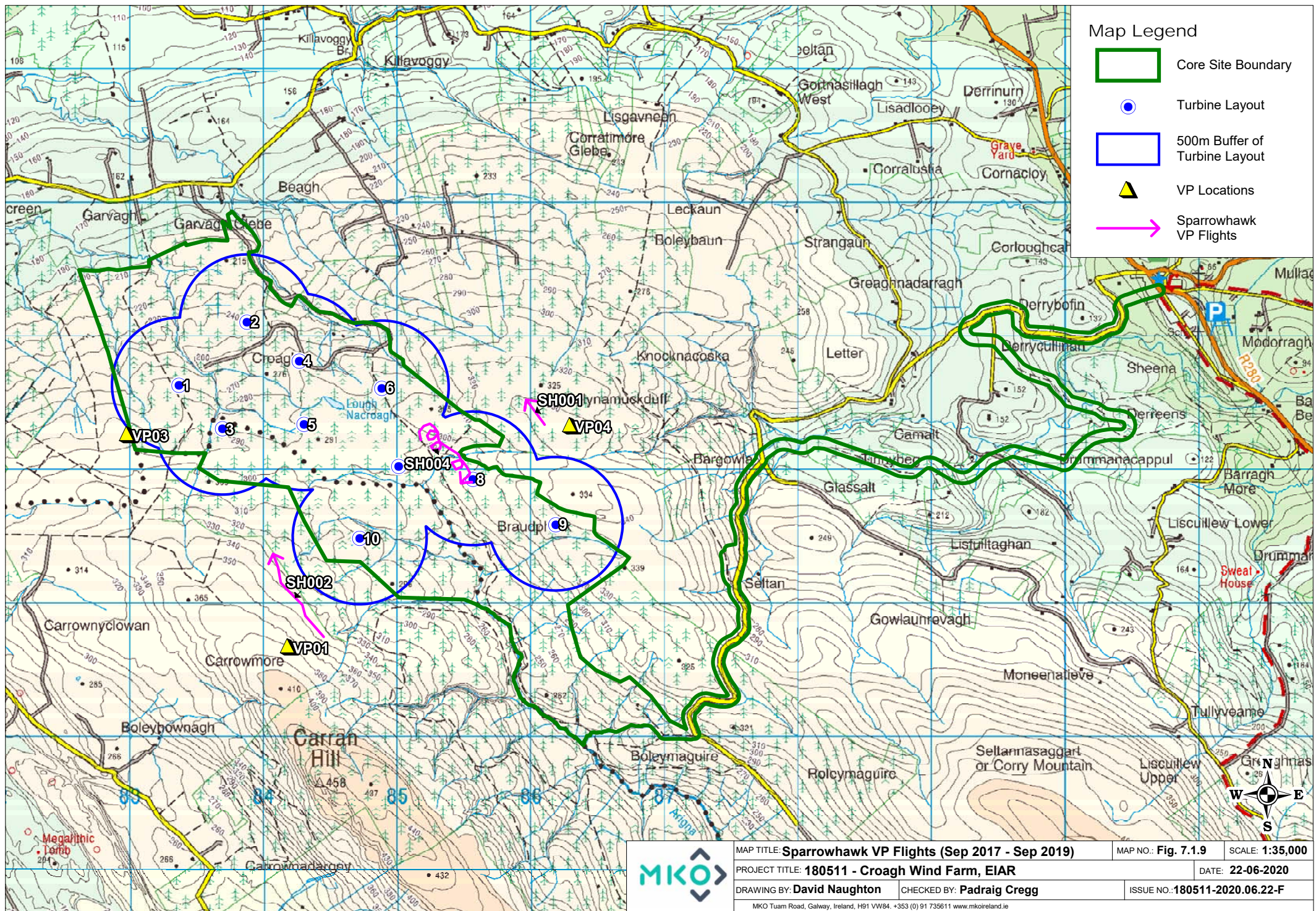
Table 1-30 Sparrowhawk Breeding Raptor Survey Data

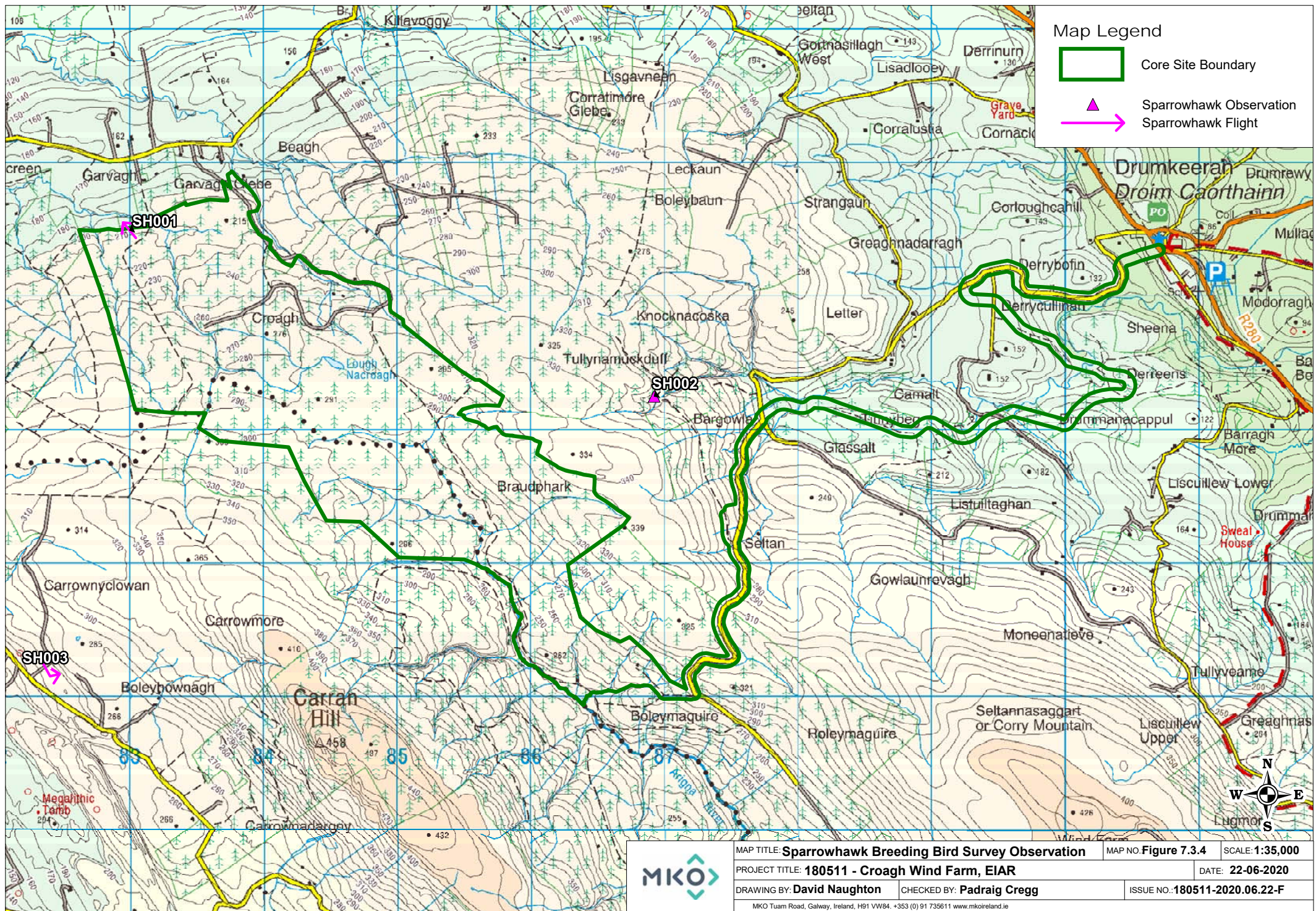
Map Ref. No.	Date	RVP	Species	No. of Birds	Time of flight	Duration of flight (s)	Notes on habitat and activity	Comments	Surveyor
SH001	13/04/2018	VP_A	Sparrowhawk	1	15:37:00	13	GS4, (Wet grassland) WD4, (Conifer plantation) Flying	Sparrowhawk seen flying low over the ground, perched on a tree briefly (facing away) then flew off low again through the trees into the conifer plantation.	LD
SH002	19/04/2018	VP_B	Sparrowhawk	1	14:04:00	25	WD4, (Conifer plantation) Flying	Sparrowhawk also seen at VP-B flying long and low from west to east, over the conifers out of view.	LD

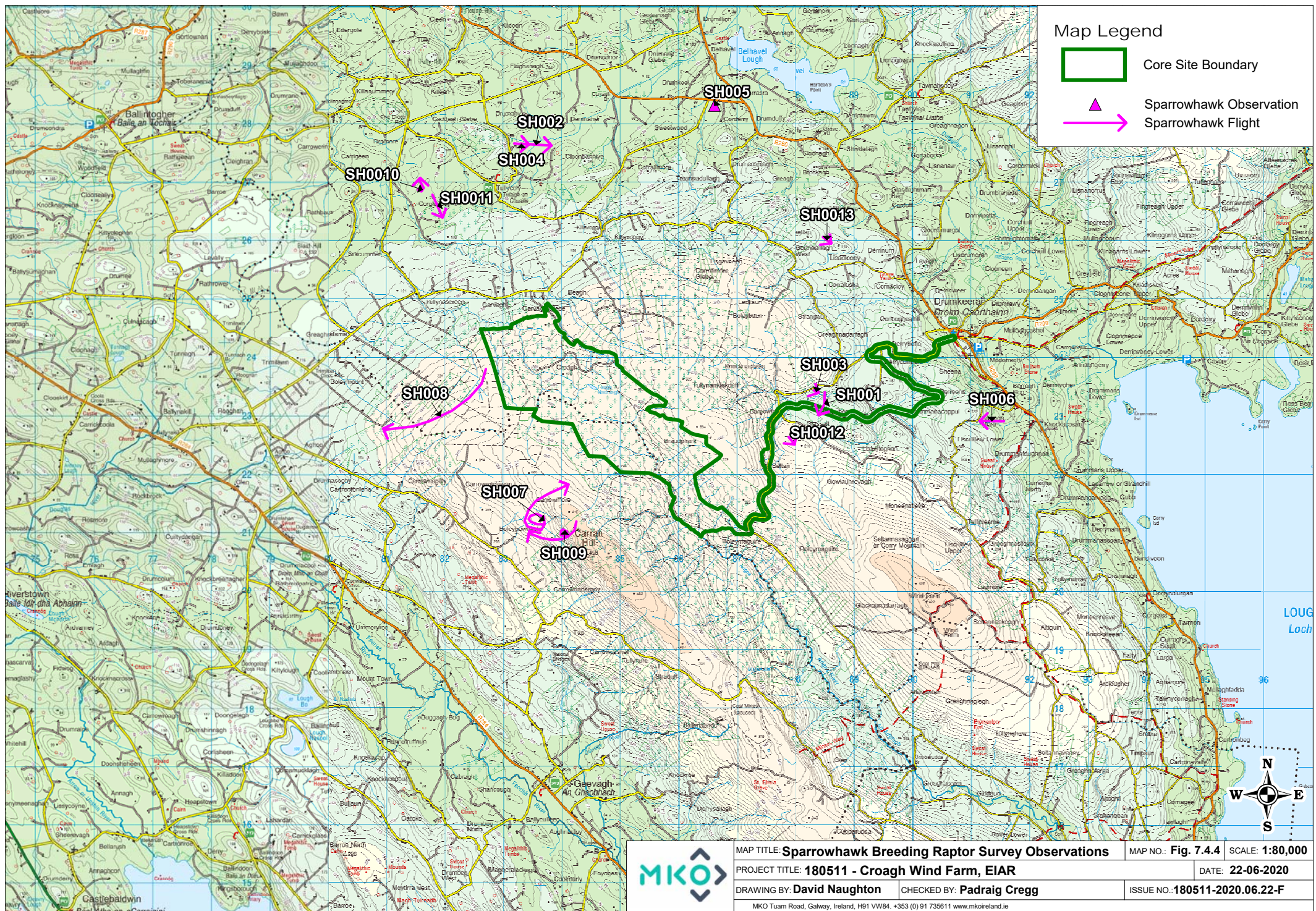
Map Ref. No.	Date	RVP	Species	No. of Birds	Time of flight	Duration of flight (s)	Notes on habitat and activity	Comments	Surveyor
SH003	08/05/2018	VP-A	Sparrowhawk	1	09:09:00	3	WD4, (Conifer plantation) Flying into and between trees.	Sparrowhawk seen again near VP-A around 75m south-west of the vantage point. Seen briefly flying through the conifers and out of view.	LD
SH004	12/05/2018	VP-B	Sparrowhawk	1	10:43:00	8	WD4, (Conifer plantation) GS4, (Wet grassland) Flying low.	Sparrowhawk seen flying low over (east) the conifers, being mobbed by a Hooded Crow, before landing in the trees and out of view.	LD
SH005	12/05/2018	N/A	Sparrowhawk	1	07:14:00	7	GS4, (Wet grassland) Flying low.	Sparrowhawk seen flying low over fields and grassland on the way to the VP.	LD
SH006	26/05/2018	VP-A	Sparrowhawk	1	08:32:00	5	GS4, (Wet grassland) WD4, (Conifer plantation) Flying low.	Sparrowhawk seen in flight parallel to a hillside and broadleaf trees, with conifers behind them. Flew from east to west out of view.	LD
SH007	17/07/2018	BRS	Sparrowhawk	2	13:08:00	220	WD4, (Conifer plantation) Pair soaring	Male and female	ED
SH008	18/07/2018	BRS	Sparrowhawk	1	14:10:00	50	WD4, (Conifer plantation) Male soaring	Adult Male	ED
SH009	19/07/2018	BRS	Sparrowhawk	1	11:40:00	35	WD4, (Conifer plantation) Female soaring	Female	ED
SH0010	22/05/2019	1	Sparrowhawk	1	10:35:00	35	WD4, (Conifer plantation) GS4, (Wet grassland) HH1, (Dry siliceous heath) Travelling and being mobbed.	Sparrowhawk seen shortly after, being mobbed by a Hooded Crow.	LD
SH0011	22/05/2019	1	Sparrowhawk	1	10:58:00	24	GS4, (Wet grassland) HH1, (Dry siliceous heath) Travelling.	Sparrowhawk seen again flying over the moorland and out of view into a section of conifers.	LD
SH0012	24/05/2019	1	Sparrowhawk	1	11:18:00	11	GS4, (Wet grassland) WD4, (Conifer plantation) Travelling, flying into trees.	Sparrowhawk seen in flight over conifers from VP9, before it landed in the trees and out of view.	LD
LD101	01/06/2019	6	Sparrowhawk	1	11:17:00	5	GS4, (Wet grassland) WD4, (Conifer plantation) Travelling	Brief view of a Sparrowhawk flying over farmland through scrub.	LD

Table 1-31 Sparrowhawk Incidental Observations

Ref. No.	Date	Survey Type	Location	Species	No. of Individuals	Notes	Surveyor
	16/07/2019	Breeding Bird Survey	W	Sparrowhawk	1	Hunting. SH001	JK
	08/01/2019	Hen Harrier Roost Survey	2	Sparrowhawk	1	Hunting Blackbird	JK
	25/09/2017	Vantage Point Survey	Approx. Grid Ref G8520 2220	Sparrowhawk	1	Heard SH calling briefly in the distant conifer plantation at VP1	LD
	03/05/2018	Vantage Point Survey	VP6	Sparrowhawk	1	8:25 seen on break	SF







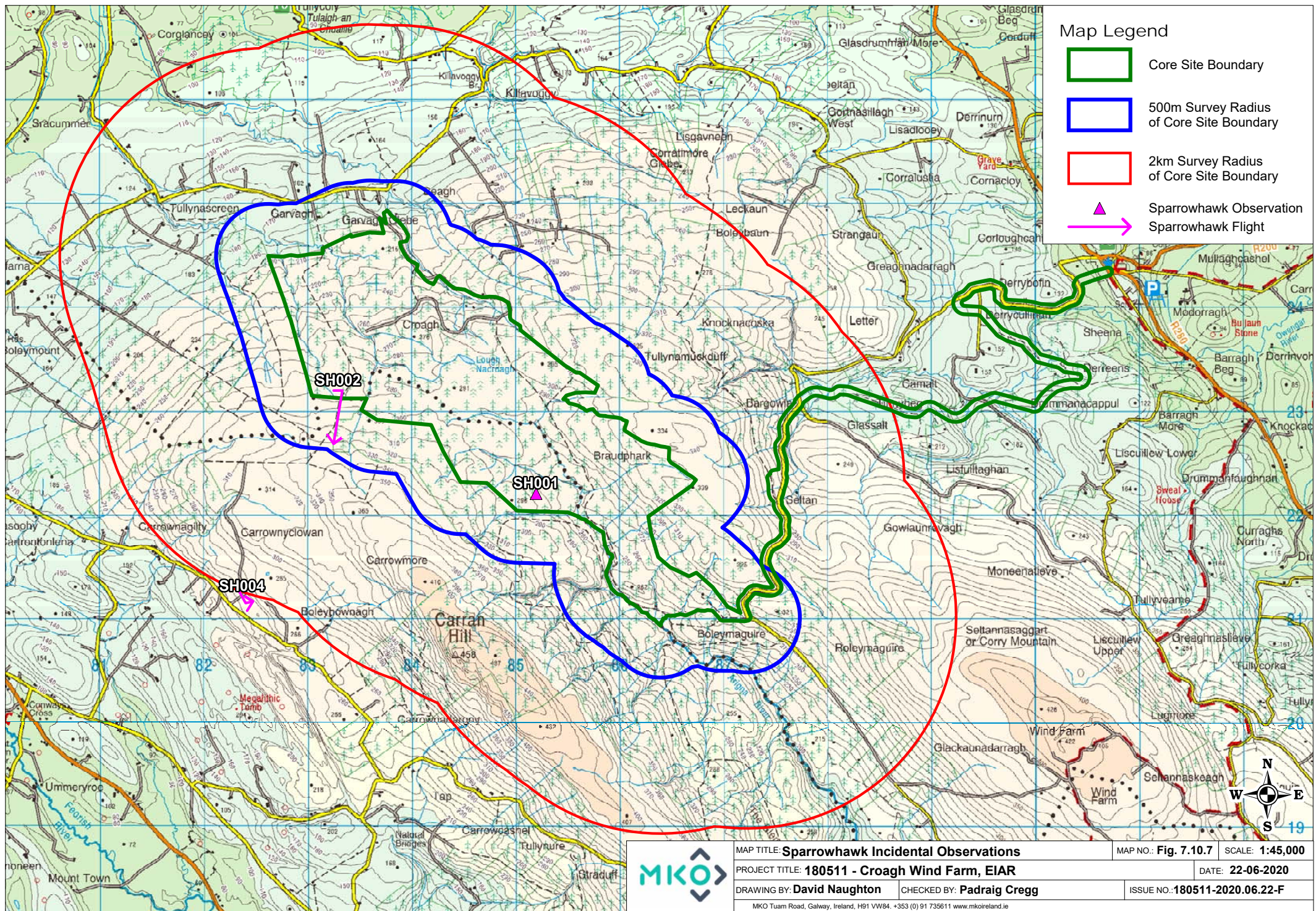


Table 1-32 Kestrel Vantage Point Survey Data

Map Ref. No.	Date	VP	Species	No. of Birds	Time of flight	Duration of flight (s)	Duration Within 500m Buffer of Site Boundary	Duration Outside	Band 1 (0-10m)	Band 2 (10-25m)	Band 3 PCH (25-175m)	Band 4 (>175m)	Notes on habitat and activity	Comments	Surveyor
K002	10/04/2018	3	Kestrel	1	11:06:00	130	130			136			PB4, (Cutover bog) HOVERING		SF
K003	21/06/2018	3	Kestrel	1	11:51:00	280			40	20	220		PB2, (Upland blanket bog) WD4, (Conifer plantation) PB4, (Cutover bog) Hunting over bog	Flew between 5-50m	RW
K004	21/06/2018	3	Kestrel	1	12:14:00	275				15	15	245	PB2, (Upland blanket bog) PB4, (Cutover bog) WD4, (Conifer plantation) Hunting over bog	Hunted between 5-30m	RW
K005	21/06/2018	3	Kestrel	1	12:30:00	157			15	15	34	245	PB2, (Upland blanket bog) PB4, (Cutover bog) WD4, (Conifer plantation) Hunting over bog	Flew at 5-50m	RW
K006	21/06/2018	3	Kestrel	1	12:32:00	54			5	5	10	34	WD4, (Conifer plantation) PB4, (Cutover bog) Hunting over bog	Flew up from bog and hovered up to 40m	RW
K007	21/06/2018	3	Kestrel	1	13:03:00	59			40	19			PB4, (Cutover bog) Hunting over bog	Flew at 2-40m	RW
K008	21/06/2018	3	Kestrel	1	15:04:00	47			17	30			PB2, (Upland blanket bog) PB4, (Cutover bog) Hunting over bog	Flew between 2-20m	RW
K009	21/06/2018	3	Kestrel	1	13:28:00	38			38				PB2, (Upland blanket bog) PB4, (Cutover bog) WD4, (Conifer plantation) Hunting over bog	Hunted below 10m then landed in tree	RW
K0010	21/06/2018	3	Kestrel	1	13:33:00	263			263				WD4, (Conifer plantation) PB2, (Upland blanket bog) PB4, (Cutover bog) Hunting over bog	Male took flight from tree and hunted below 10m	RW
K0011	21/06/2018	3	Kestrel	1	13:45:00	20			20				PB2, (Upland blanket bog) PB4, (Cutover bog) Hunting over bog	Seen only briefly during low hunting bout	RW

Map Ref. No.	Date	VP	Species	No. of Birds	Time of flight	Duration of flight (s)	Duration Within 500m Buffer of Site Boundary	Duration Outside	Band 1 (0-10m)	Band 2 (10-25m)	Band 3 PCH (25-175m)	Band 4 (>175m)	Notes on habitat and activity	Comments	Surveyor
K0012	05/07/2018	4	Kestrel	1	12:03:00	21			21				PB2, (Upland blanket bog) WD4, (Conifer plantation) Flew along edge of forestry and landed	Male	RW
K0013	05/07/2018	4	Kestrel	1	15:38:00	280			99	126			PB2, (Upland blanket bog) WD4, (Conifer plantation) Hunting over bog	Male flew NW over bog and forestry	RW
K0014	27/08/2018	3	Kestrel	1	17:20:00	225	225				225		WD4, (Conifer plantation)	hunting	DM
K0015	01/11/2018	3	Kestrel	1	15:01:00	300	300	0		200	100		WD4, (Conifer plantation) PB2, (Upland blanket bog) Hunting	Adult male	AOD
K0016	25/03/2019	4	Kestrel	1	09:11:00	176			0	72	104	0	PB2, (Upland blanket bog) WD4, (Conifer plantation) Hovered over bog and rough ground at 15-30m, passing through turbines	adult male	RW
K0018	02/07/2019	3	Kestrel	1	14:25:00	360			30	330			PB4, (Cutover bog) WD4, (Conifer plantation) Hunting and hovering	Male	JK
K0020	04/09/2019	1	Kestrel	1	11:12:00	18	18	0		0	0		HH4, (Montane Heath)	Adult female foraging blown by wind low SW	AOD

Table 1-33 Kestrel Breeding Bird Survey Observations

Map Ref. No.	Date	Transect	Species	No. of Birds	Time of flight	Duration of flight (s)	Notes on habitat and activity	Comments	Surveyor
K001	30/05/2018		Kestrel	1	13:16:00	5	GS4, (Wet grassland) WD4, (Conifer plantation) WS2, (Immature woodland) Flying into trees.	Kestrel seen briefly in flight outside the buffer when driving out. Approx. Grid Ref: G8190 2475.	LD

Map Ref. No.	Date	Transect	Species	No. of Birds	Time of flight	Duration of flight (s)	Notes on habitat and activity	Comments	Surveyor
K002	12/07/2018		Kestrel	1	11:45:00		WD4, (Conifer plantation) PB2, (Upland blanket bog) Flushed from gap in forestry	Immature bird	RW
K003	17/04/2019	South-West	Kestrel	1	12:14:00		HH1, (Dry siliceous heath) GS4, (Wet grassland) WD4, (Conifer plantation) Travelling and hunting.	Saw a female Kestrel in flight from a short VP. The bird was flying west from open moorland, carrying an item of prey it had caught.	LD
K004	01/07/2019		Kestrel	1				Adult female hunting band2 120S mobbed by MP	AOD
K005	23/07/2019	SE	Kestrel	1			WD4, (Conifer plantation) Perched; flying	K002	JK
K006	23/07/2019	SE	Kestrel	1			WD4, (Conifer plantation) Perched; flying	K003	JK
K007	23/07/2019	SE	Kestrel	1			WD4, (Conifer plantation) Perched; flying	K004	JK

Table 1-34 Kestrel Breeding Raptor Survey Observations

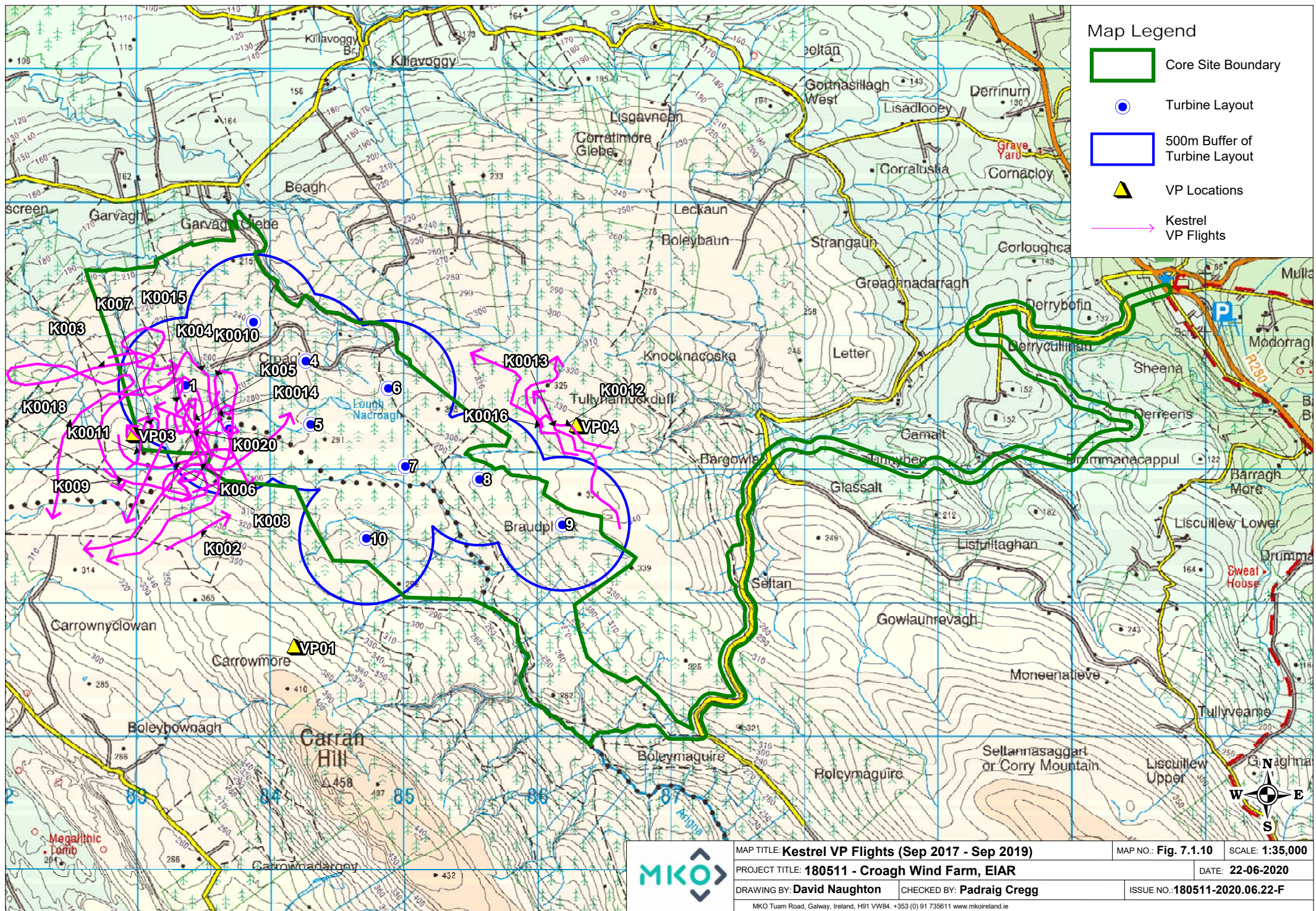
Map Ref. No.	Date	RVP	Species	No. of Birds	Time of flight	Duration of flight (s)	Notes on habitat and activity	Comments	Surveyor
K001	19/04/2018	VP_A	Kestrel	1	15:48:00	76	GS4, (Wet grassland) HH1, (Dry siliceous heath) Flying	Male Kestrel seen in flight, initially around 2-300m north and then flew overhead close by, heading south-east out of view.	LD
K002	19/04/2018	VP_A	Kestrel	1	15:50:00	61	GS4, (Wet grassland) HH1, (Dry siliceous heath) Flying	Female Kestrel seen shortly after in the same area near VP-C. Flew and landed in the conifers, before heading off east.	LD
K003	22/04/2018	VP_B	Kestrel	1	11:17:00	4	GS4, (Wet grassland) HH4, (Montane heath) Flying to ground.	Kestrel seen very briefly flying low over dense grassland on a mountain slope. It disappeared behind some small trees into the grass. Not seen again and looked like a female from the brief view	LD
K004	12/05/2018	VP-C	Kestrel	1	08:27:00	6	GS4, (Wet grassland) HH1, (Dry siliceous heath) Flying low.	Kestrel seen flying low (west) over moorland, out of sight over a brow of a hill.	LD

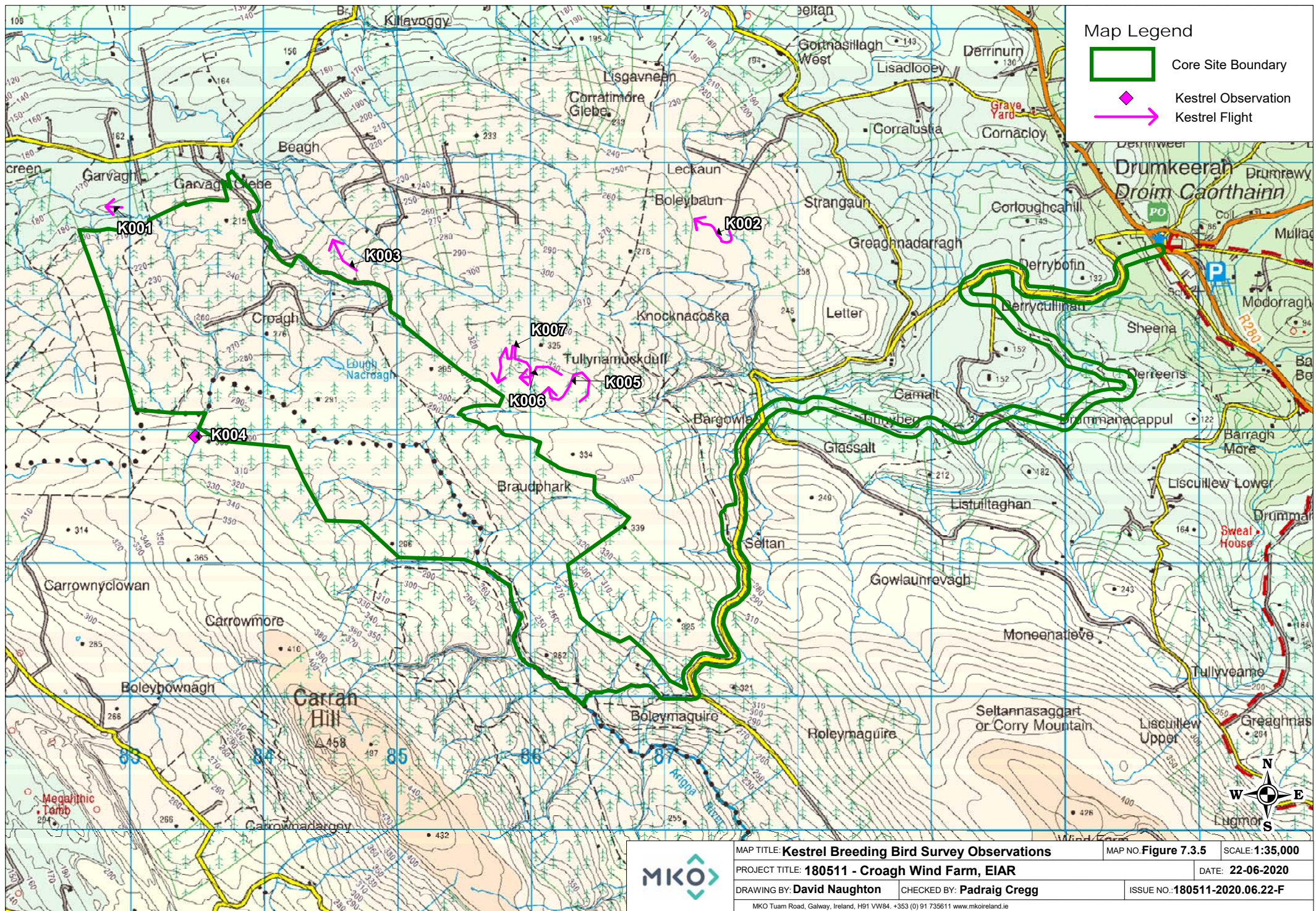
Map Ref. No.	Date	RVP	Species	No. of Birds	Time of flight	Duration of flight (s)	Notes on habitat and activity	Comments	Surveyor
K005	12/05/2018	VP-C	Kestrel	1	08:32:00	16	GS4, (Wet grassland) HH1, (Dry siliceous heath) WD4, (Conifer plantation) Hovering/Foraging	Kestrel seen again hovering and foraging, before flying east out of view.	LD
K006	17/05/2018	VP-B	Kestrel	1	11:24:00	7	GS4, (Wet grassland) HH1, (Dry siliceous heath) Flying low.	Kestrel seen briefly flying low over grass and heather into a small copse beside a narrow road. See map.	LD
K007	24/06/2018	VP-A	Kestrel	1	10:12:00	29	GS4, (Wet grassland) WD4, (Conifer plantation) (Mixed) broadleaved woodland Soaring	Kestrel seen in flight at VP-A. Flew from behind a hill over fields and farmland, then out of view over conifers. Heading south-east. See map for flight-line.	LD
K008	24/06/2018	VP-B	Kestrel	1	07:58:00	86	HH1, (Dry siliceous heath) GS4, (Wet grassland) (Mixed) broadleaved woodland Hovering and Flying	Kestrel seen in flight over an open area of moorland in the area where I've seen a pair foraging before. It flew up and hovered, before flying east out of view.	LD
K009	15/07/2018	BRS	Kestrel	1	12:42:00	80	WS5, (Recently-felled woodland) WD4, (Conifer plantation) Hunting	Adult Female	ED
K0010	19/07/2018	BRS	Kestrel	1	14:20:00	25	WD4, (Conifer plantation) WS5, (Recently-felled woodland) Hunting	Female	ED
K0011	19/07/2018	BRS	Kestrel	1	13:08:00	80	WD4, (Conifer plantation) Male perched before flying	Male	ED
LD103	02/06/2019	1	Kestrel	1	10:04:00	5	GS4, (Wet grassland) WD4, (Conifer plantation) In flight	Another brief sighting of a Kestrel, silhouetted by the sun, flying south/south-west behind a stand of conifers from VP1. Pair seen here last Spring and Summer.	LD
K0013	31/07/2019	9	Kestrel	1	17:25:00	20	WD4, (Conifer plantation) Hunting		JK

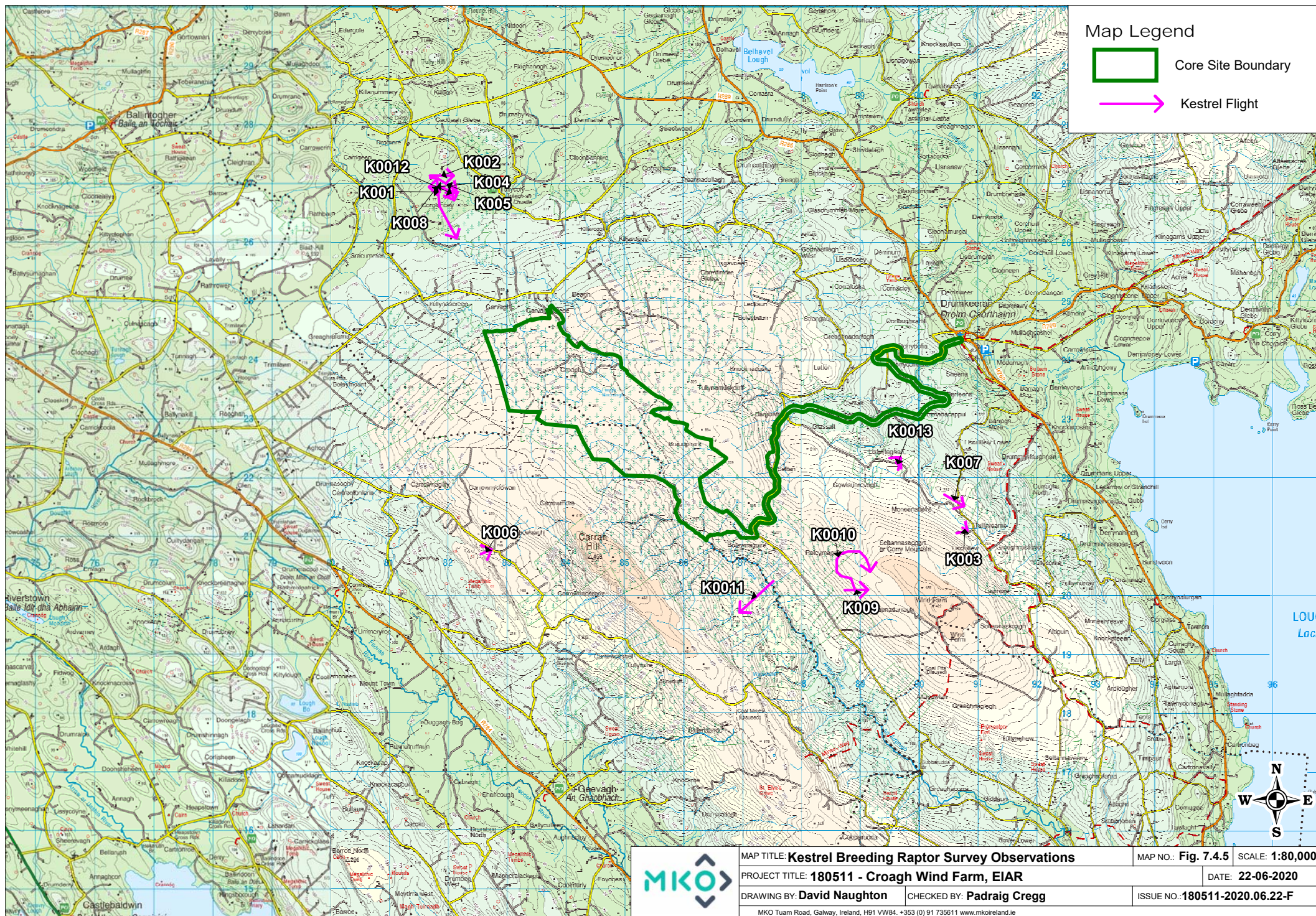
Table 1-35 kestrel Incidental Observations

Map Ref. No.	Date	Survey Type	Location	Species	No. of Individuals	Notes	Surveyor
	17/10/2018	Hen Harrier Roost Survey	HHVP3	Kestrel	1	Female adult hunting	AOD
	19/10/2018	Hen Harrier Roost Survey	HHVP2	Kestrel	1	Male flew into snipe flock	AOD
	11/12/2018	Hen Harrier Roost Survey	HHVP4	Kestrel	1	Hunting at edge of plantation	JK

Map Ref. No.	Date	Survey Type	Location	Species	No. of Individuals	Notes	Surveyor
	10/01/2019	Hen Harrier Roost Survey	HHVP4	Kestrel	1	Hunting	JK







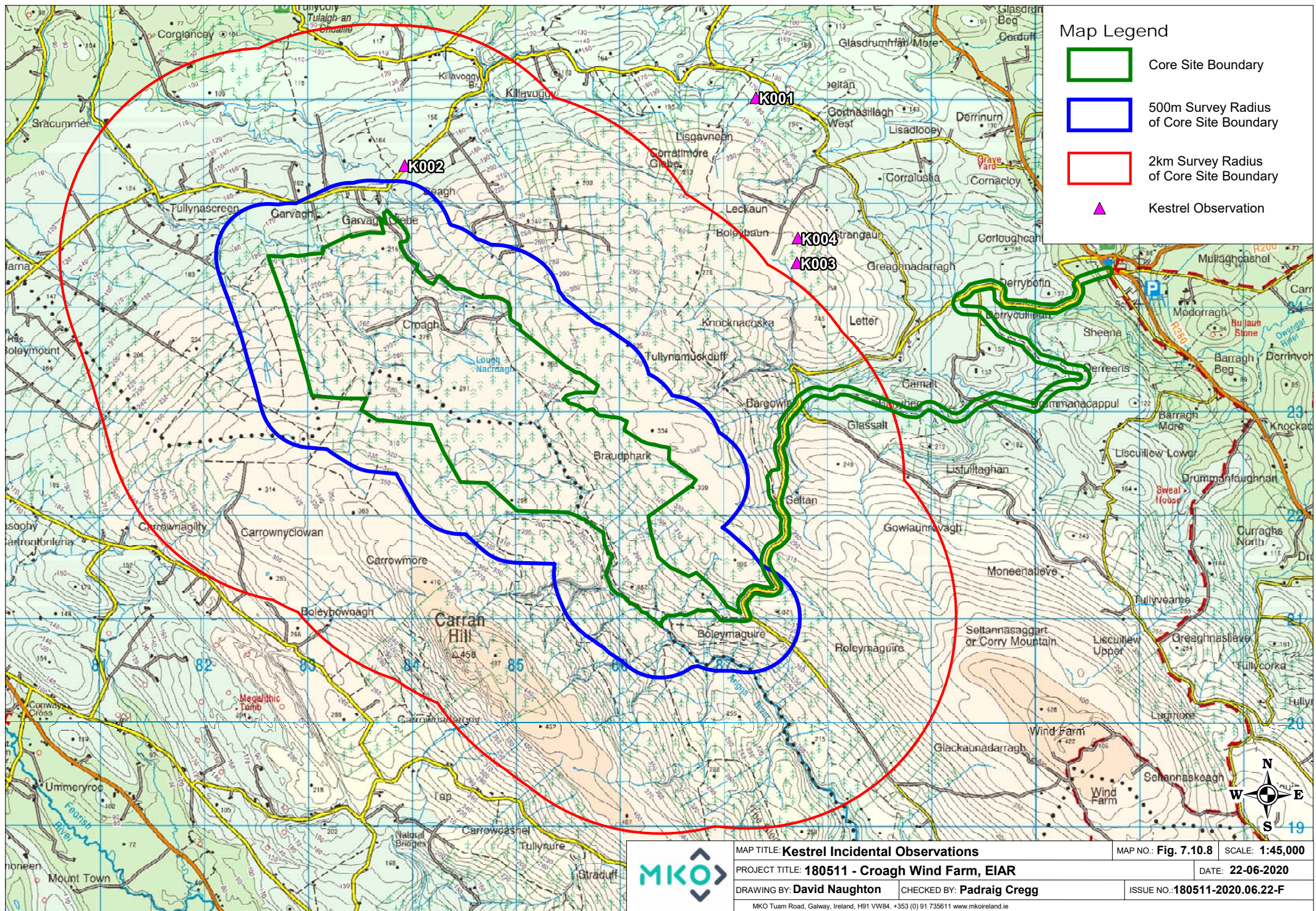


Table 1-36 Snipe Vantage Point Survey Flights

Map Ref. No.	Date	VP	Species	No. of Birds	Time of flight	Duration of flight (s)	Duration Within 500m Buffer of Site Boundary	Duration Outside	Band 1 (0-10m)	Band 2 (10-25m)	Band 3 PCH (25-175m)	Band 4 (>175m)	Notes on habitat and activity	Comments	Surveyor
SN001	20/12/2017	1	Snipe	1	09:20:00	30			30				PB2, (Upland blanket bog) flushed from heath		DM
SN002	17/09/2018	3	Snipe	1	10:40:00	70	30	40			70		PB2, (Upland blanket bog) travelling		DM
SN003	18/09/2018	1	Snipe	1	06:35:00	30		30		30			PB2, (Upland blanket bog) flushed off bog at dawn		DM
SN004	23/10/2018	1	Snipe	1	12:55:00	3		3	3				WD4, (Conifer plantation) Flushed at VP		AOD
SN005	30/04/2019	1	Snipe	1	15:18:00	10	0	10	3	7			HH4, (Montane heath) Chipping in flight		AOD
SN006	30/04/2019	1	Snipe	1	19:34:00	1800	800	1000		1800			HH4, (Montane heath) Drumming	Male	AOD
SN007	17/05/2019	1	Snipe	1	11:46:00	30	0	30	15	15			HH4, (Montane heath) Chipping in flight	Adult	AOD
SN008	17/05/2019	1	Snipe	1	12:02:00	640	500	140	400	240			HH4, (Montane heath) Chipping in flight	Adult	AOD
SN009	14/06/2019	3	Snipe	2	16:27"33	67	60	7		7	60		HH1, (Dry siliceous heath) Drumming and flying, joined by a second SN, both disappeared behind the ridge. Saw and heard.		PW
SN0010	18/06/2019	1	Snipe	1	12:18:00	210		210		27	183		HH1, (Dry siliceous heath) Drumming SN heard and seen displaying over moorland up and down in erratic flight.		PW
SN0011	18/06/2019	1	Snipe	2	15:11"30	600		600		200	400		HH1, (Dry siliceous heath) 2 SN drumming/displaying over HH1 over wide area. One bird was followed for 10 minutes.		PW

Table 1-37 Snipe Vantage Point Survey Non-Visual Observations

Map Ref. No.	Date	VP	Species	No. of Birds	Time of flight	Notes on habitat and activity	Comments	Surveyor
SN001	10/04/2018	3	Common Snipe	1	10:58:00	PB4, (Cutover bog) Snipe call		SF
SN002	10/04/2018	3	Common Snipe	1	11:39:00	PB4, (Cutover bog) Snipe calling		SF
SN003	10/04/2018	3	Common Snipe	1	11:51:00	PB4, (Cutover bog)		SF
SN004	02/05/2018	1	Common Snipe	1	07:20:00	PB2, (Upland blanket bog) Calling	Calling no flight	SF
SN005	02/05/2018	1	Common Snipe	1	06:43:00	PB2,WD4		SF
SN006	03/05/2018	3	Common Snipe	1	05:32:00	PB2, (Upland blanket bog) WD4, (Conifer plantation) Calling		SF
SN007	29/04/2019	3	Common Snipe	4	21:36:00	HH4, (Montane heath) GS4, (Wet grassland) 4 Chipping	4 Chipping	AOD
SN008	30/04/2019	1	Common Snipe	4	21:32:00	HH4, (Montane heath) PB2, (Upland blanket bog) 3 Chipping 1 Drumming	3 Chipping 1 Drumming	AOD
SN009	15/05/2019	1	Common Snipe	1	05:00:00	HH4, (Montane heath) Drumming male		AOD
SN010	13/06/2019	4	Common Snipe	1	19:40:00	HH1, (Dry siliceous heath) Chipping, heard not seen.		PW
SN011	14/06/2019	3	Common Snipe	1	16:33:00	WD4, (Conifer plantation) Heard, not seen		PW
SN012	18/06/2019	1	Common Snipe	1	11:07:00	HH1, (Dry siliceous heath) Chipping, heard not seen.		PW
SN013	18/06/2019	1	Common Snipe	1	11:45:00	HH1, (Dry siliceous heath) Drumming SN heard over moorland behind VP1, not seen.		PW
SN014	18/06/2019	1	Common Snipe	1	11:53:00	HH1, (Dry siliceous heath) Drumming SN heard over moorland behind VP1, not seen.		PW
SN015	18/06/2019	1	Common Snipe	1	14:16:17	HH1, (Dry siliceous heath) Drumming SN heard over moorland behind VP1, not seen.		PW

Table 1-38 Snipe Breeding Bird Survey Observations

Map Ref. No.	Date	Transect	Species	No. of Birds	Time of flight	Duration of flight (s)	Notes on habitat and activity	Comments	Surveyor
SN001	26/04/2018	West	Snipe	1			GS4, (Wet grassland) HH1, (Dry siliceous heath) Flushed	flushed from dense grass during the Walkover.	LD
SN002	26/04/2018	West	Snipe	2			GS4, (Wet grassland) HH1, (Dry siliceous heath) Flushed	two together at G 8335 2290.	LD
SN003	26/04/2018	West	Snipe	1			GS4, (Wet grassland) HH1, (Dry siliceous heath) flight		LD
SN004	10/07/2018		Snipe	1	12:19:00		WD4, (Conifer plantation) Flushed from rotation	Adult	RW
SN005	10/07/2018		Snipe	1	12:14:00		WD4, (Conifer plantation) Flushed from rotation	Adult	RW
SN006	21/05/2019	SW	Snipe	1	11:37:00		Drumming in display flight.	Snipe seen drumming in the northern section of the site, in display.	LD
SN007	21/05/2019	SW	Snipe	1	11:51:00		Drumming in display flight.	As above. Snipe seen drumming in the northern section of the site, in display again in the same area.	LD
SN008	24/06/2019		Snipe	1				Chipping unseen	AOD
SN009	01/07/2019		Snipe	1				Chipping and flew 3s B1	AOD

Table 1-39 Snipe Incidental Observations

Ref. No.	Date	Survey Type	Location	Species	No. of Individuals	Notes	Surveyor
	07/05/2019	Breeding Raptor Survey	10	Snipe	1	Snipe seen drumming in display flight from VP 10.	LD
	07/05/2019	Breeding Raptor Survey	10	Snipe	1	Snipe seen drumming in display flight from VP 10.	LD

Ref. No.	Date	Survey Type	Location	Species	No. of Individuals	Notes	Surveyor
	09/05/2019	Breeding Raptor Survey	3	Snipe	1	Snipe heard chipping in the same location on and off near VP 3.	LD
	09/05/2019	Breeding Raptor Survey	3	Snipe	1	Snipe heard chipping in the same location on and off near VP 3.	LD
	09/05/2019	Breeding Raptor Survey	3	Snipe	1	Snipe heard chipping in the same location on and off near VP 3.	LD
	09/05/2019	Breeding Raptor Survey	3	Snipe	1	Snipe heard chipping in the same location on and off near VP 3.	LD
	09/05/2019	Breeding Raptor Survey	3	Snipe	2	Snipe seen drumming in display flight from VP 3 to the south-east of the bird chipping. Two Snipe present.	LD
	03/06/2019	Breeding Raptor Survey	3	Snipe	1	Snipe heard chipping on and off, on three occasions in wet grassland to the north-west of VP3.	LD
	03/06/2019	Breeding Raptor Survey	3	Snipe	1	Snipe heard chipping on and off, on three occasions in wet grassland to the north-west of VP3.	LD
	03/06/2019	Breeding Raptor Survey	3	Snipe	1	A second Snipe was later seen drumming in display flight over heather moorland, further to the east. See map for both birds locations.	LD
	03/06/2019	Breeding Raptor Survey	3	Snipe	1	A second Snipe was later seen drumming in display flight over heather moorland, further to the east. See map for both birds locations.	LD
	03/06/2019	Breeding Raptor Survey	3	Snipe	1	Snipe heard chipping on and off, on three occasions in wet grassland to the north-west of VP3.	LD
	03/06/2019	Breeding Raptor Survey	5	Snipe	1	Another Snipe was then seen drumming from VP5, flying above an area of wet grassland after chipping on and off for a while. See map for species locations.	LD

Ref. No.	Date	Survey Type	Location	Species	No. of Individuals	Notes	Surveyor
	03/06/2019	Breeding Raptor Survey	5	Snipe	1	Another Snipe was then seen drumming from VP5, flying above an area of wet grassland after chipping on and off for a while. See map for species locations.	LD
	03/06/2019	Breeding Raptor Survey	5	Snipe	1	Another Snipe was then seen drumming from VP5, flying above an area of wet grassland after chipping on and off for a while. See map for species locations.	LD
	04/06/2019	Breeding Raptor Survey	10	Snipe	1	Heard a Snipe chipping in reeds and rough grassland on the hillside above VP 10, which then began drumming in display flight a while later. This was in the same location the bird was observed during the last survey.	LD
	04/06/2019	Breeding Raptor Survey	10	Snipe	1	Heard a Snipe chipping in reeds and rough grassland on the hillside above VP 10, which then began drumming in display flight a while later. This was in the same location the bird was observed during the last survey.	LD
SN005	14/04/2018	Breeding Raptor Survey	Carran Hill	Snipe	1	Snipe 'Chipping' in wet grassland and Juncus close to VP-B. Approx. Grid Ref: G 8970 2795.	LD
SN006	23/04/2018	Breeding Raptor Survey	Carran Hill	Snipe	1	Snipe 'Chipping' in wet grassland and wet reeds close to VP-A. Approx. Grid Ref: G 8095 2500.	LD
SN007	07/05/2018	Breeding Raptor Survey	Carran Hill VP- A	Snipe	1	Snipe flushed from a track near VP-A at G 8055 2480.	LD
	08/07/2019	Breeding Raptor Survey	BRS4	Snipe		Probes (Little holes left behind after feeding)	JK
SN002	23/10/2017	Hen Harrier Roost Survey	Near HH01	Snipe	2	Flushed at about G/82415/21820, OOS.	CP
	18/12/2017	Hen Harrier Roost Survey	HHVP1	Snipe	1	Flew off bog to feed, at 16:45	DM

Ref. No.	Date	Survey Type	Location	Species	No. of Individuals	Notes	Surveyor
	19/10/2018	Hen Harrier Roost Survey	HHVP2	Snipe	12	Flock flying	AOD
	11/12/2018	Hen Harrier Roost Survey	4	Snipe	1	Call heard	JK
	03/01/2019	Hen Harrier Roost Survey	3	Snipe	1	Call heard.	JK
SN001	25/09/2017	Vantage Point Survey	Approx. Grid Ref G8370 2215	Snipe	1	Flushed Snipe on way to VP1	LD
SN004	25/01/2018	Vantage Point Survey	VP1	Snipe	1	Flushed a Snipe on the way in to the VP. Grid Ref: G 8372 2195.	LD
	29/04/2019	Vantage Point Survey	VP 3	Snipe	max 4	Drumming and chipping	AOD
	30/04/2019	Vantage Point Survey	VP 1	Snipe	max 4	Drumming and chipping	AOD
	14/05/2019	Vantage Point Survey	3	Snipe	max 1	Drumming	AOD
	15/05/2019	Vantage Point Survey	1	Snipe	max 1	Drumming	AOD
	16/05/2019	Vantage Point Survey	4	Snipe	max1	Chipping	AOD
	17/05/2019	Vantage Point Survey	2	Snipe	max2	Chipping	AOD
	04/09/2019	Vantage Point Survey	VP1	Snipe	2	Calling until light	AOD
	05/09/2019	Vantage Point Survey	VP3	Snipe	1	Calling until light	AOD
SN0015	13/06/2019	Woodcock Survey	2	Snipe	1	Drumming bird heard only. IG86153 25777	PW