

#### Application for a Maritime Usage Licence under the Maritime Area Planning Act 2021

#### **Important Information**

Before completing this form please read the declaration and consent at the end of the application form

It is important to note that a change in applicant name will require a new application.

This application and supporting documentation should be submitted by email to <u>licence@mara.gov.ie</u>

Please complete the form electronically. Type details in the boxes provided, space will expand as you type. Please complete form to a high level, i.e. give comprehensive answers to questions, answers which only reference supporting documentation are not sufficient.

#### Maritime Usage Licence:

Part 5 (sections 110 to 133) of the Maritime Area Planning Act 2021 (MAPA) provides for the granting of maritime usage licences.

Section 112 of the Act states that the Maritime Area Regulatory Authority (MARA) is the competent authority for the purposes of Part 5 of the European Communities (Birds and Natural Habitats) regulations 2011 (S.I.No. 477 of 2011) and appropriate assessments to which that Part applies.

Section 114 of the Act states that the Minister may by regulations provide for class of Schedule 7 usage to be exempted usage for the purposes of this Part.

<u>Schedule 7</u> of the Act lists the Maritime Usages that may be undertaken in the maritime area pursuant to licence.

Schedule 8 of the Act lists the types of conditions that MARA may attach to a licence.

#### **Privacy Policy:**

MARA may require you to provide certain personal data in order to carry out our legislative and administrative functions. MARA will treat all personal data that you provide as confidential and will process your details in accordance with its obligations under data protection legislation, including the Data Protection Act 2018 and the EU General Data Protection Regulation (GDPR).

A Privacy Statement explaining how MARA, as the Data Controller, will process the personal data you provide, how that information will be used and what rights you may exercise in relation to your personal data, is available in this link: **Privacy Statement**.

#### Freedom of Information (FOI)/ Access to Information on the Environment (AIE)

Applicants should be aware that under the Freedom of Information Act 2014 and the European Communities (Access to Information on the Environment) Regulations 2007 to 2018, information provided by them to MARA may be liable to be disclosed.

Applicants are asked to consider if any of the information supplied by them in their application should not be disclosed and clearly identify the specific sections of their application containing such information, specifying the reasons for its confidentiality/sensitivity. MARA will consult with applicants about this information before making a decision on any Freedom of Information/Access to Information on the Environment request received.

MARA 2<sup>nd</sup> Floor, Menapia House, Drinagh Business Park, Drinagh, Wexford, Y35RF29

www.maritimeregulator.ie



Part 1: Applicant Information	
1.1 Applicant Details	
Name of Applicant (the name that will appear on the licence)	EirGrid
Company/Organisation (if applicable)	EirGrid Plc.
Address/Company Address	The Oval, 160 Shelbourne Road, Ballsbridge, Dublin 4
Eircode/Postcode	D04 FW28
Contact Name within Company/Organisation	
Contact Phone No.	
Contact Email Address	
Is the company registered in Ireland for tax purposes?	Yes

1.2 Contact Details (if different from above)		
Full Name	N/A	
Address		
Eircode/Postcode		
Contact Name		
Contact Phone No.		
Contact Email Address		

1.3 Agent Representing Applicant (if applicable)		
Person/Agency acting on behalf of Applicant	RPS	
Address	West Pier Business Campus, Dun Laoghaire, Co. Dublin	
Eircode/Postcode	A96 N6T7	
Contact Name (if applicable)		
Contact Phone No.		
Contact Email address		



1.4 Applicant's Legal Advisor (if applicable)		
Name/Company Name	EirGrid	
Address	EirGrid plc – Transmission System Operator, Ireland.	
	The Oval, 160 Shelbourne Road, Ballsbridge, Dublin 4	
Eircode/Postcode	D04 FW28	
Contact Name (if applicable)		
Contact Phone No.		
Contact Email address		



#### Part 2: Proposal Details (Attach additional documents as required)

# 2.1 In relation to this application, have you previously applied for a declaration as to whether or not a licence was required for this usage? If so, please provide the reference number associated with that application.

No.

## 2.2 Specify the Maritime Usage(s) being applied for with reference to Schedule 7 of the Maritime Area Planning Act 2021 as amended:

3. Marine environmental surveys for the purposes of site investigation or in support of an application under Part XXI of the Act of 2000.

5. The installation of non-permanent platforms, pontoons or slipways.

6. The deposit of any substance or object, either in the sea or on or under the seabed, from—

(a) a vehicle, vessel (including a craft capable of travelling on, in or under water, whether or not self-propelled), boat, aircraft or marine structure (other than a pipeline),

7. The use of a vehicle, vessel (including a craft capable of travelling on, in or under water, whether or not self-propelled), boat, aircraft, marine structure (other than a pipeline) or floating container to remove any substance or object from the seabed.

11. The deposit, construction or removal of any mooring not requiring authorisation under any other enactment.

12. (a) The removal of beach material from, or the disturbance of beach material in, the maritime area otherwise than in the course of the ordinary or reasonable recreational enjoyment of the maritime area.

(b) In this paragraph, "beach material" means sand, clay, gravel, shingle, stones, rocks, mineral substances, seashells, coral and maerl and any flora, in or on the surface of the seabed or suspended in the water of the maritime area, and includes outcrops of rock or any other mineral substance above the surface of the seabed.

## 2.3 Description of proposed Maritime Usage.

The Maritime Usage proposed is for marine site investigation (SI) works to inform the engineering design and environmental assessments for two offshore substations (OSS) in the Tonn Nua Area A (as identified in the <u>South Coast Designated Maritime Area Plan</u>), potential offshore transmission cable corridors, approaches to seven potential landfall zones, and seven landfall zones. A five-year duration for the licence is being applied for.

This project is crucial to delivering offshore renewable energy projects, i.e. offshore wind, from the north Celtic Sea and within the South Coast Designated Maritime Area. As such it is key enabling infrastructure for meeting the Government's target of 80% of electricity demand being supplied by renewable resources by 2030 and at least 5 GW of grid connected offshore wind to be delivered by 2030.

The aim of the SI works is to acquire data to a high quality and specification for the site (as summarised below) to provide a reliable basis for design development, and to support the consenting and construction phases.

#### The following activities are proposed:

- Coastal Geophysical Surveys (land-based below the HWM)
- Marine Geophysical Surveys (undertaken from survey vessel(s))
- Coastal Geotechnical Surveys (undertaken on land below the HWM)



- Marine Geotechnical Surveys
- (undertaken from survey vessel(s) or jack-up barge; JUB)
- Metocean and Marine Mammal Acoustic Device Deployment (deployed by vessel and moored to seabed)
- Coastal Environmental Surveys (land-based below the HWM)
- Marine Environmental Surveys (undertaken from survey vessel(s))
- Archaeological Surveys
- Other Surveys consisting of:
  - Noise Surveys.
  - Shipping & Navigation Survey.
  - Unmanned Aircraft Systems (UAS)/ drone surveys.
  - Aerial Surveys (birds and marine mammals).

Further details on the scope of investigations and surveys to be undertaken under the licence are contained in the Project Description report submitted with this application and are shown on the plans and drawings referred to in Section 4.3 of this application form.

Indicative timings of the SI works are set out in Section 2.6 of this application form.

# 2.4 Describe the nature and scale of any structure to be erected in the maritime area.

No permanent structures will be erected in undertaking the proposed SI works.

The geotechnical SI works will utilise a jack-up barge (JUB) on the approaches to the seven potential landfall zones (Zone A through Zone G inclusive). The JUB will provide a stable platform from which the required testing can be performed. The JUB, and the associated drilling / testing equipment, will mobilise and demobilise to/from a nearby port at the start and end of the SI works and will transit between the seven landfall zones (Zone A through Zone G inclusive) using either its own power or utilising a support vessel such as a tug-boat. On completion of the geotechnical SI works, The JUB and all associated equipment will be removed from the site.

## 2.5 Proposed licence duration and reasons for proposed duration.

EirGrid propose a site investigation activities schedule that will be phased over a total of 5 years.

The intention is to begin the survey activities as soon as feasible following licence award, with a phased programme of investigations, capitalising on suitable weather windows over this time-period.

This licence duration was determined based on the need to complete a series of phased coastal and marine geophysical, geotechnical, environmental and archaeological campaigns (below the high-water mark) in order to establish a robust understanding of the baseline environment across different seasons and conditions, and to allow the location of the project infrastructure described above to be refined in response to this information.

2.6	2.6 Indicative timing of the works/activity: (i) Start date (ii) Duration (iii) Any other information relevant to timing.	
(i	)	March/ April 2025.
(i	i)	Up to 5 years.
(i	ii)	The environmental, archaeological and other surveys and investigations may take place at any time during the 5-year period. The geophysical and geotechnical surveys and investigations will be phased over the 5-year period. It is envisaged that the majority of the surveys and investigations will be completed within the first 2 years (24 months) with follow on surveys and investigations undertaken only if deemed necessary.



The indicative timing of the works/ activities is included in Section 2.3.2 Estimated Project Schedule/ Programme within the Project Description (report ref: IE001220-RPS-RP-XX-RP-EN-0001 MUL Project Description).

# 2.7 Do the proposed maritime usages provide for public use, commercial use or private use? Provide details.

The proposed SI works are required to obtain engineering, environmental and archaeological information to facilitate the site selection, design and environmental assessment of the offshore transmission system infrastructure.

The data will be acquired by and for EirGrid, a state-owned company.

# 2.8 Could the proposed works restrict public use/enjoyment of the nearshore e.g. fishing, sailing, surfing, swimming, walking or other activities? Provide details.

Limited restrictions to the public use/ enjoyment of the nearshore will be required for brief (less than one day) to temporary (days to weeks) periods, as follows.

For subtidal surveys and investigations, vessels, including a JUB will be required. Most survey and investigation works are anticipated to be performed from vessels which will have a minimum of DP1 status and hence no requirement for anchoring. Inshore and offshore fisheries will be temporarily impacted by the increase in vessel activities associated with the site surveys and investigations. While survey and investigation vessels are active, other vessels and marine users will be requested to leave a wide berth and a Marine Notice will be published. The usual restrictions to prevent the risk of collision or damage to equipment will be in force as required under the International Regulations for Prevention of Collisions at Sea (COLREGS) that are implemented in Irish law by the Merchant Shipping (Collision Regulations) (Ships and Water Craft on the Water) Order 2012 [S.I. No. 507 of 2012], and the Signals of Distress (Ships) Rules 2012 [S.I. No.170 of 2012]. See Marine Notice No. 06 of 2013. Restrictions will be confined to those areas where SI works are actively being undertaken. For example, if the SI works are only being undertaken at Landfall Zone A then there will be no restrictions at the other landfall zones.

EirGrid is a member of the Seafood ORE working group and will consult with relevant groups prior to the works taking place. This working group is subject to on-going briefings in respect of this Maritime Usage Licence (MUL) application.

A JUB will likely be required in shallower waters closer to shore, i.e. on the approaches to the seven potential landfall zones. The JUB is anchored to the seafloor and therefore stationary. This may cause temporary restrictions to fishing activities in close proximity to the JUB for the duration that the JUB is in the area (anticipated to be up to three weeks at each landfall zone). It may also cause temporary disruption to swimmers or other marine users, e.g. sailing, surfers, etc. in close proximity to the JUB at individual landfall zones and the approaches to them.

Marine notices will be published in advance of the surveys and investigations to warn other users of the activities to be undertaken, where and when, and the vessel call-signs. The Commissioners of Irish Lights (CIL) standard navigational safety requirements will be adhered to with regards to the positioning, mooring, marking, and lighting of all equipment deployed in the licence area. Vessels will display lights and other internationally recognised identification and warning signals.

Trial pits and other investigations in the intertidal area will result in small areas of beach being briefly closed, i.e. the working area around the equipment. This should only last for one tidal cycle at each investigation location. Public access to the intertidal areas will otherwise not be impacted.



For the environmental, archaeological and other surveys and investigations, there will be an increase in human and equipment presence. However, this is considered not significant and should not restrict access to the maritime area for other users.

2.9 Please outline any engagements that have taken place with marine users or other stakeholders in the proposed area that may be affected by the proposal and attach supporting documentation where relevant.

Briefing of proposals provided to Seafood ORE working group. The Seafood/ORE Working Group was established by the Government in May 2022 to facilitate discussion on matters arising from the interaction of the seafood and offshore renewable energy industries.

Stakeholders in the group comprise representatives from DECC, ORE offshore industry, Seafood industry including fisher representatives, Inshore Fishery Associations and Fish Producer Organisations.

A further briefing was provided to the same group ahead of submission of this application.

2.10 Describe briefly any consultations undertaken with other relevant authorities (e.g. Local Authority, Port/Harbour authority etc.) or State Agencies. e.g. National Parks & Wildlife Service, National Monuments Service of Department of Housing, Local Government and Heritage.

The Development Applications Unit (DAU) of the DHLGH has been advised of the proposed activities, and it is proposed that further consultation/ approvals will take place with the DAU prior to the activities being undertaken.

2.11 Please provide the reference number and title of any existing Foreshore licence you may hold within the footprint, or otherwise in the vicinity of the proposed Maritime Usage area.

FS006916 EirGrid Celtic Interconnector Electricity Cable, Co. Cork

FS006811 Eirgrid Plc - Ballinwilling, Claycastle & Redbarn Beaches

FS006722 Eirgrid PLC - Ballinwilling Strand, Redbarn Beach and Claycastle Beach Co. Cork

FS006446 EirGrid PLC - Cork SI Works

FS006243 Eirgrid Plc - Cork

FS005788 Eirgrid Plc - Glanagow to Raffeen

2.12 Please provide the reference number of any current application for a Foreshore Licence to the Minister for Housing, Local Government and Heritage. Does this application for a foreshore licence relate to or impact any part of the maritime area the subject of this licence application? If so, please provide details of the foreshore licence application.

None.

2.13 What environmental reports, if any, have you submitted with this application?

(Supporting information for screening for Appropriate Assessment/ Natura Impact Statement/ Risk Assessment for Annex IV Species/ Assessment of Impact on the Maritime Usage Report)

The following environmental reports and support documents are submitted with this application:

- Supporting information for screening for Appropriate Assessment (SISAA)
- Risk Assessment for Annex IV Species
- Assessment of Impact on the Maritime Usage Report (AIMU)



A Natura Impact Statement (NIS) is currently being prepared and will be submitted once complete.



#### Part 3: Location and Spatial Extent of Proposed Maritime Area (Attach additional documents as required)

#### 3.1 Location of proposed Maritime Usage

The location of the Maritime Usage is off the Cork, Waterford and Wexford coasts and extends from the high-water mark out into the north Celtic Sea. This is illustrated in the drawings contained within the Project Description report (drawing ref: IE001220-RPS-AP-XX-DG-EN-0001.A1.C02.01 Proposed Licence Area Map). The western extent of the MUL boundary is at Ringroe in County Cork (approx. 10 km south of Crosshaven and 13 km east of Kinsale) and extends eastwards to Cullenstown in County Wexford (approx. 4 km east of Bannow Bay and 6 km south of Wellingtonbridge). The MUL area extends from the high-water mark out into the offshore area to approx. 34 km (18.4 nm) from the coastline at its furthest distance (measured from Bunmahon Beach).

The MUL area includes coastal areas from Ringroe, Co. Cork to Ballycrenane Co. Cork, and from west of Bunmahon, Co Waterford to east of Bannow Bay, Co. Wexford. These coastal areas include seven potential landfall zones for the offshore transmission cables as summarised in the table below:

Landfall Zone	Nearest Townlands	County
A	Ballintra West, Ballintra East, Inch, Lahard	Cork
В	Ballybrangan, Ballycroneen West, Ballyrobin South	Cork
С	Garryvoe Lower, Ballybutler, Ballycrenane	Cork
D	Templeyvrick, Ballynasissala, Bunmahon, Ballynagigla, Knockmahon	Waterford
E	Ramstown, Carnivan	Wexford
F	Bannow	Wexford
G	Haggard, Blackhall, Ballymadder	Wexford

### **3.2** Total size of the proposed Maritime Area (in m<sup>2</sup>, ha or km<sup>2</sup>, as appropriate).

The total MUL area encompass 2,336 km<sup>2</sup>.

# 3.3 Please provide the distance of the main body of the proposed maritime area from the shore at its closest point in km.

The main body of the proposed maritime area is directly adjacent the shoreline (i.e. 0 km).

## 3.4 Is any of the maritime area in the proposed site in private ownership? If yes please provide documentary evidence of same (e.g. folio).

Yes. EirGrid have reviewed land ownership data from Tailte Éireann. The list of folios registered as in private ownership within the redline boundary of this MUL application are attached at the end of this application form.

#### 3.5 Any other site details considered relevant:

The MUL area is within important fisheries areas and fish spawning and nursery grounds.

The MUL area is adjacent to busy shipping areas.

The MUL area is within an area of known and/or reported shipwrecks which can be viewed on the National Monuments Service (NMS) wreck viewer: National Monuments Service: Wreck Viewer (arcgis.com). EirGrid will obtain the necessary licences from the NMS in advance of the required surveys.



## Part 4: Maps and Drawings. Please refer to Technical Guidance on map and drawing requirements. Please draft a map, titled "Licence Map", outlining the proposed Maritime 4.1 Area in accordance with the Technical Guidance for Maritime Area Licence Applications and submit same with this application. 4.2 Please submit GIS Shapefiles, in accordance with the Applicant Technical Guidance Note and submit same with this application. Please list any Admiralty Charts, Maps, GIS Shapefiles and/or other Drawings 4.3 submitted with this application. **GIS Files:** GIS\_File\_MUL240036.zip Drawings included in Appendix A to Project Description report. IE001220-RPS-AP-XX-DG-EN-0001.A1.C02.01 Proposed Licence Area Map IE001220-RPS-AP-XX-DG-EN-0002.A1.C02.01 Deep Drive CPT. IE001220-RPS-AP-XX-DG-EN-0003.A1.C02 Grab Samples. IE001220-RPS-AP-XX-DG-EN-0004.A1.C03 Inshore-Onshore Boreholes. IE001220-RPS-AP-XX-DG-EN-0005.A1.C01.01 Metocean Buov Deployments IE001220-RPS-AP-XX-DG-EN-0006.A1.C02.01 Offshore Boreholes. IE001220-RPS-AP-XX-DG-EN-0007.A1.C01.01 Shallow CPT. IE001220-RPS-AP-XX-DG-EN-0008,A1.C01.01 Vibrocores. IE001220-RPS-AP-XX-DG-EN-0009.A1.C02 Trial Pit. IE001220-RPS-AP-XX-DG-EN-0012.A1.C01.02 Fishing effort within the AoI for all gear types. IE001220-RPS-AP-XX-DG-EN-0013.A1.C01.01 Fish spawning grounds within the Aol. IE001220-RPS-AP-XX-DG-EN-0014.A1.C01.01 Inshore fishing within Aol. IE001220-RPS-AP-XX-DG-EN-0015.A1.C01.01 Aquaculture sites and designated shellfish waters.



	Part 5: Fishing/Aquaculture Considerations:
5.1	Is the proposal located in proximity to any of the following: <ul> <li>aquaculture operation</li> <li>designated Shellfish Growing Waters</li> <li>fish spawning ground</li> <li>other sensitive fisheries location</li> </ul>
	Please Illustrate on appropriate chart including distance in Km.
fish sp the dra IE001	he MUL area is within and adjacent to areas designated for aquaculture, shellfish, bawning and nursery grounds and other sensitive fisheries locations. Please refer to awings accompanying this application in the Project Description (report ref: 220-RPS-RP-XX-RP-EN-0001 MUL Project Description) and the AIMU (report ref: 220-RPS-RP-XX-RP-EN-0003 MUL AIMU) for further detail.
5.2	Are there other potential impacts of the proposal on fishing/aquaculture in the area? If yes, please describe.
	roposed Area of Interest (AoI) overlaps with several active fishery grounds, as well number of important fish spawning and nursery grounds.
focus may e will be impac vesse activity of ves	argest spatial extent of the proposed SI works is the geophysical survey which will on the potential OSS, offshore transmission cable corridors and landfall zones but extend to other areas within the AoI. The geophysical survey is mobile and therefore e in almost continuous movement across the areas of survey. The magnitude of t is related to the vessel movements and the underwater noise emissions. The I movements are not considered to be significant in terms of the existing vessel y in the AoI. Standard operating procedures will be employed to ensure that the risk sel collisions is removed, including the publication of marine notices, use of marker , and broadcasts. Other measures, such as consultations, will also be undertaken.
next lo invest location station ensure notice	chnical investigations will be focused on individual locations before moving on to the ocation. Therefore the spatial extent of disturbance is limited to the area of igation. The spatial extent is limited to the immediate environs of the investigation ons and/ or anchoring or spudding sites associated with the JUB. The vessels will be nary during investigations. Standard operating procedures will be employed to e that the risk of vessel collisions is removed, including the publication of marine s, use of marker buoys, and broadcasts. Other measures, such as consultations, will e undertaken.
activiti Howe	eophysical and geotechnical investigations may result in some disruption to fishing ies where fishing activity will be undertaken where SI works vessel(s) are active. ver, the interactions can be managed in accordance with standard vessel practices avoidance of collisions at sea.
	e impacts, and associated management measures, are described in more detail and sed in the AIMU (report ref: IE001220-RPS-RP-XX-RP-EN-0003 MUL AIMU).
5.3	Are there any measures proposed to mitigate potential impacts on fisheries or aquaculture? If yes, please describe.
the pro	mal restrictions are sought. Notices to Mariners will be issued by the contractor for oposed site investigations requesting that vessels keep a safe distance from the ies, typically 500m.
works aquac accord local f	d will have a Fisheries Liaison Officer (FLO) appointed for the duration of all SI. The FLO will be engaged early in the project to liaise with the fishing and culture industry through consultation to develop a fisheries management plan (in dance with the measures set out in this application). The FLO will ensure that all ishing organisations are in receipt of the Notice to Mariners and are aware of the sed SI works ahead of mobilisation. Other marine users will be requested to keep a



safe distance from the survey vessels; this is generally 500m radial distance, although it might be extended further to the rear of the survey vessel if towed gear is in use.

As the exclusion zone moves with the survey spread, potential effects will be restricted to this relatively small zone around the vessels and the towed equipment.

The geotechnical vessels will also have a temporary exclusion zone due to their restricted manoeuvrability.

The execution of the proposed SI works will increase the volume of shipping traffic by an imperceptible amount deemed to be within the boundary of seasonal fluctuations. Therefore, there will be no additional navigational safety implications. However, established marine navigation practices will be adhered to and maintained by the survey vessels involved.

Consultation with Commissioners of Irish Lights regarding marking, lighting, and any necessary guard buoys will be undertaken. Similarly, there will be consultation with the Irish Coast Guard.

Vessel assurance and management including procedures such as compliance with The International Regulations for Preventing Collisions at Sea 1972 (COLREGS), use of appropriate marking and lighting, AIS broadcasts with up-to-date navigational status, adverse weather policy, emergency response plans, etc. will be in place.



#### **Declaration and Consent:**

The details provided here are correct to the best of my knowledge.

I understand that no works will be commenced, by the applicant or the applicant's agents on the proposed site, without a valid licence from MARA. The granting of any Maritime Usage Licence will not give rise on the part of the applicant to any expectation whatsoever for, right or entitlement to a grant of any future licence in respect of all or any part of any area of the Maritime Area.

By submitting this application form, the applicant agrees that the details provided (with personal contact details redacted) are to be published on MARAs website and also that the full information provided including contact details are to be processed and retained by MARA and shared with all relevant public authorities in furtherance of consideration for a Maritime Usage Licence under the MAPA.

I give consent to MARA and its agents to copy this application and to make (a redacted) copy available for inspection and copying by the public. This consent relates to this application, to supporting documentation submitted with the application, to any further information, or submission provided by the applicant or on the applicant's behalf, including any supplementary material submitted in response to a minded to determine notice in respect of this licence application, and to the publication of the licence document.

#### Signed for and on behalf of the applicant:

Name of Signatory (block letters):

**Position Held:** 

Planning and Environmental Lead

Date:

11/11/2024



Applicant Checklist	
Document	Included
Application Form (Parts 2 to 5 inclusive)	
Supporting Information for Screening for Appropriate Assessment (SISAA) Report	
Risk Assessment for Annex IV Species Report	
Natura Impact Statement (NIS), if initially included	
Assessment of Impact of the Maritime Usage (AIMU) Report	
Schedule of Works	
Licence Mapping (including GIS Shapefiles)	
Other (Please list below)	

# Other



#### Item 3.4

## Folios Registered as in Private Ownership within the AoI Redline Boundary

FOLIO
CK122455F
CK12299N
CK12404N
CK133368F
CK137057F
CK13976N
CK14287F
CK150392F
CK150476F
CK152106F
CK152228F
CK153724F
CK153989F
CK154613F
CK155082F
CK15549F
CK15621N
CK15623N
CK15625N CK15645N
CK15045N CK15759N
CK15759N CK159771F
CK168192F
CK1701N
CK173966F
CK178627F
CK180115F
CK18542F
CK19292F
CK2212N
CK22863N
CK24710N
CK24712N
CK25213F
CK26153N
CK28990L
CK29567N
CK29926F
CK3076F
CK31694F
CK320N CK3319F
CK33972F
CK34773N
CK3521F
CK35929F
CK36108N
CK36354N
CK368N
CK37870N
CK42211F
CK44231F
CK44520F
CK45535F
CK45740F



CK46091FCK46651FCK48854NCK49951FCK49952FCK50831NCK51192NCK5252FCK52649FCK5616FCK56424NCK5965NCK60563FCK72940FCK72940FCK75582FCK82799FCK9010NCK9013NCK9013NCK9017FWD1010NWD1285NWD12845FWD12845FWD1436NWD1436NWD1594FWD1613NWD1634FWD1634FWD1732FWD1838NWD1284FWD1834FWD1594FWD1638NWD12883FWD1594FWD1638NWD1732FWD1838FWD1838FWD1384FWD1388FWD1388FWD1388FWD1388FWD1388FWD1384FWD1384FWD1384FWD2333NWD24533NWD24533NWD24533NWD24545FWD33288FWD33288FWD33288FWD33288FWD33288FWD33288FWD332495FWD33288FWD33288FWD33288FWD33288FWD33288FWD33288FWD33288FWD33288FWD3339FWD34314F	FOLIO
CK48854N         CK49951F         CK49952F         CK50831N         CK51192N         CK5252F         CK52649F         CK55839N         CK5616F         CK5965N         CK60563F         CK70598F         CK72940F         CK72940F         CK75582F         CK9010N         CK9013N         CK9010N         CK9010N         CK93077F         WD1010N         WD12674N         WD1283F         WD1283F         WD12883F         WD12883F         WD1436N         WD14575F         WD1436N         WD1594F         WD1634F         WD1634F         WD1634F         WD1713N         WD17442F         WD1808N         WD1808N         WD12863F         WD28500F         WD26500F         WD26501F         WD26501F         WD32495F         WD32495F         WD32495F	
CK49951F           CK49952F           CK50831N           CK51192N           CK5252F           CK52649F           CK5616F           CK5965N           CK60563F           CK72940F           CK72940F           CK9010N           CK9013N           CK9013N           CK93077F           WD10785N           WD12674N           WD12883F           WD12883F           WD12883F           WD1436N           WD1634F           WD1782F           WD188N           WD1782F           WD1808N           WD1804F           WD26500F           WD26500F           WD26500F           WD29287F           WD32495F           WD332495F           WD3328F	CK46651F
CK49952F           CK50831N           CK51192N           CK5252F           CK52649F           CK5616F           CK56424N           CK5965N           CK60563F           CK72940F           CK72940F           CK9010N           CK9010N           CK9013N           CK93077F           WD1010N           WD12674N           WD12785N           WD12883F           WD12883F           WD12883F           WD1436N           WD1436N           WD148F           WD1634F           WD1634F           WD1782F           WD1808N           WD1782F           WD1808N           WD1782F           WD1808N           WD1808N           WD1808N           WD26500F           WD26501F           WD29287F           WD3126F           WD3126F           WD3126F           WD3126F           WD328F           WD3288F           WD3288F           WD3288F           WD339F <td>CK48854N</td>	CK48854N
CK49952F           CK50831N           CK51192N           CK5252F           CK52649F           CK5616F           CK56424N           CK5965N           CK60563F           CK72940F           CK72940F           CK9010N           CK9010N           CK9013N           CK93077F           WD1010N           WD12674N           WD12785N           WD12883F           WD12883F           WD12883F           WD1436N           WD1436N           WD148F           WD1634F           WD1634F           WD1782F           WD1808N           WD1782F           WD1808N           WD1782F           WD1808N           WD1808N           WD1808N           WD26500F           WD26501F           WD29287F           WD3126F           WD3126F           WD3126F           WD3126F           WD328F           WD3288F           WD3288F           WD3288F           WD339F <td></td>	
CK50831N           CK51192N           CK5252F           CK52649F           CK55839N           CK5616F           CK5965N           CK60563F           CK70598F           CK72940F           CK72940F           CK9010N           CK9013N           CK9013N           CK93077F           WD10785N           WD12674N           WD12883F           WD12883F           WD12883F           WD1436N           WD1436N           WD1594F           WD1634F           WD1634F           WD1713N           WD1844N           WD2633N           WD26501F           WD26501F           WD3128F           WD29287F           WD2850F           WD2850F           WD2850F           WD2850F           WD2850F           WD2850F           WD2850F           WD3128F           WD3128F           WD3128F           WD3128F           WD339F	
CK51192N           CK5252F           CK52649F           CK55839N           CK5616F           CK56424N           CK5965N           CK60563F           CK70598F           CK72940F           CK7979F           CK9010N           CK9010N           CK9013N           CK9010N           CK9010N           CK93077F           WD10785N           WD12674N           WD12883F           WD12883F           WD12945F           WD1436N           WD14575F           WD1436N           WD1594F           WD1634F           WD1634F           WD173N           WD17442F           WD1782F           WD1808N           WD1808N           WD1808N           WD26500F           WD26501F           WD29287F           WD3126F           WD3126F           WD3185F           WD32495F           WD32495F           WD32495F           WD32495F	
CK5252F CK52649F CK55839N CK5616F CK56424N CK5965N CK60563F CK6362N CK70598F CK72940F CK72940F CK75582F CK75582F CK82799F CK9010N CK9013N CK93077F WD1010N WD10785N WD11579F WD12674N WD12883F WD12883F WD12883F WD12945F WD12883F WD12945F WD1436N WD1436N WD14375F WD1436N WD1434F WD1594F WD1634F WD1634F WD1634F WD1634F WD1634F WD1634F WD1634F WD173N WD17442F WD17442F WD1782F WD1808N WD17442F WD1808N WD17442F WD1808N WD17442F WD1804F WD1630 WD17442F WD1630 WD17442F WD1630 WD17442F WD1630 WD17442F WD1630 WD17442F WD1630 WD17442F WD17442F WD1630 WD17442F WD17442F WD17442F WD1730 WD17442F WD1630 WD17442F WD17442F WD17442F WD17442F WD17442F WD17442F WD17442F WD1630 WD17442F WD1630 WD17442F WD17444 WD17442F WD17444 WD1744	
CK52649F           CK55839N           CK5616F           CK5965N           CK60563F           CK6362N           CK70598F           CK72940F           CK72940F           CK72940F           CK75582F           CK82799F           CK9010N           CK9013N           CK93077F           WD10785N           WD12674N           WD12883F           WD12945F           WD1436N           WD1436N           WD1436N           WD144F           WD1634F           WD1634F           WD1713N           WD17442F           WD1808N           WD1808N           WD1808N           WD1808N           WD26500F           WD26501F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD32495F           WD3126F           WD32495F           WD33288F           WD3328F	
CK55839N           CK5616F           CK5965N           CK60563F           CK6362N           CK70598F           CK72940F           CK7379F           CK75582F           CK9010N           CK9013N           CK93077F           WD10785N           WD12674N           WD12674N           WD12883F           WD12945F           WD1436N           WD1436N           WD1594F           WD1634F           WD1634F           WD1634F           WD1713N           WD17442F           WD1844N           WD2663N           WD2861F           WD2861F           WD2861F           WD2863N           WD2863N           WD2863N           WD2863N           WD29261F           WD2850F           WD2850F           WD29569F           WD3126F           WD3126F           WD3126F           WD32495F           WD3328F           WD3328F           WD339F	
CK5616F           CK56424N           CK5965N           CK60563F           CK6362N           CK70598F           CK72940F           CK7379F           CK75582F           CK9010N           CK9013N           CK9013N           CK93077F           WD1010N           WD12674N           WD12883F           WD12883F           WD12945F           WD14575F           WD14575F           WD1634F           WD1634F           WD1634F           WD1713N           WD17442F           WD1785N           WD1808N           WD1808N           WD1808N           WD1808N           WD26500F           WD26501F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD32495F           WD32495F           WD33288F           WD33288F           WD339F	
CK56424N           CK5965N           CK60563F           CK6362N           CK70598F           CK72940F           CK7379F           CK75582F           CK82799F           CK9010N           CK93077F           WD1010N           WD10785N           WD12674N           WD12883F           WD12883F           WD12945F           WD1436N           WD14575F           WD14575F           WD1634F           WD1634F           WD1634F           WD1713N           WD17442F           WD1808N           WD1804F           WD26500F           WD26501F           WD29287F           WD29287F           WD3126F           WD3126F           WD28501F           WD29287F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD32495F           WD33288F           WD33288F           WD339F	
CK5965N           CK60563F           CK70598F           CK72940F           CK72940F           CK72940F           CK75582F           CK82799F           CK9010N           CK9013N           CK93077F           WD1010N           WD12674N           WD12883F           WD12945F           WD1436N           WD14375F           WD14375F           WD1634F           WD1634F           WD1634F           WD1713N           WD17442F           WD1808N           WD1844N           WD26500F           WD26501F           WD29287F           WD3128F           WD2311F           WD26500F           WD26500F           WD29287F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD32495F           WD32495F           WD33288F           WD339F	
CK60563F           CK6362N           CK70598F           CK72940F           CK7379F           CK75582F           CK82799F           CK9010N           CK9013N           CK93077F           WD10785N           WD12674N           WD12674N           WD12883F           WD12945F           WD1436N           WD1594F           WD1634F           WD1634F           WD1634F           WD1713N           WD17442F           WD1844N           WD2633N           WD26501F           WD29261F           WD29267F           WD26501F           WD29287F           WD3185F           WD32495F           WD33288F           WD33288F	
CK6362N           CK70598F           CK72940F           CK7379F           CK75582F           CK82799F           CK9010N           CK9013N           CK93077F           WD1010N           WD12674N           WD12883F           WD12883F           WD12945F           WD14575F           WD14575F           WD1634F           WD1634F           WD1634F           WD1713N           WD17442F           WD1808N           WD1808N           WD1808N           WD26501F           WD26501F           WD29287F           WD3126F           WD3126F           WD285P           WD3185F           WD32495F           WD33288F	
CK70598F           CK72940F           CK7379F           CK75582F           CK82799F           CK9010N           CK9013N           CK93077F           WD1010N           WD10785N           WD12674N           WD12883F           WD12945F           WD1436N           WD14575F           WD1634F           WD1634F           WD1634F           WD173N           WD17442F           WD1808N           WD1844N           WD2650F           WD2633N           WD26500F           WD29287F           WD3126F           WD2311F           WD26500F           WD29287F           WD3126F           WD3126F           WD3126F           WD338F           WD338F           WD3328F           WD3328F           WD3328F           WD3328F	
CK72940F           CK7379F           CK75582F           CK82799F           CK9010N           CK9013N           CK93077F           WD1010N           WD10785N           WD12674N           WD12883F           WD12945F           WD1436N           WD14575F           WD1634F           WD1634F           WD1713N           WD17442F           WD1808N           WD1844N           WD2633N           WD26500F           WD26500F           WD29287F           WD3126F           WD2858P           WD2858P           WD388N           WD1844N           WD2863N           WD2863SN           WD2653SN           WD2653SN           WD2650F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD3126F           WD3328F           WD3328F	
CK7379F           CK75582F           CK82799F           CK9010N           CK9013N           CK93077F           WD1010N           WD10785N           WD12674N           WD12674N           WD12883F           WD12945F           WD1436N           WD1594F           WD1634F           WD1634F           WD1713N           WD17442F           WD1808N           WD1844N           WD2633N           WD26500F           WD26501F           WD29569F           WD3126F           WD3288F           WD3288F           WD33288F           WD33288F	
CK75582F           CK82799F           CK9010N           CK9013N           CK93077F           WD1010N           WD10785N           WD12674N           WD12674N           WD12883F           WD12945F           WD14575F           WD1594F           WD1634F           WD1634F           WD1713N           WD17442F           WD1808N           WD1808N           WD1844N           WD2650F           WD2833N           WD2833N           WD26500F           WD29287F           WD3126F           WD3126F           WD2833N           WD26500F           WD29287F           WD3126F           WD3126F           WD3185F           WD32495F           WD33288F           WD339F	
CK82799F           CK9010N           CK9013N           CK93077F           WD1010N           WD10785N           WD1287           WD12883F           WD12883F           WD12945F           WD14575F           WD1634F           WD1634F           WD1713N           WD17442F           WD1808N           WD1844N           WD2650F           WD2833N           WD2833N           WD26500F           WD29287F           WD3126F           WD2859F           WD3185F           WD33288F           WD339F	
CK9010N           CK9013N           CK93077F           WD1010N           WD10785N           WD11579F           WD12674N           WD12883F           WD12945F           WD1436N           WD1594F           WD1634F           WD1713N           WD17442F           WD1808N           WD1844N           WD2633N           WD26500F           WD26501F           WD29569F           WD3126F           WD2858F           WD1844N           WD28500F           WD26501F           WD3126F           WD3185F           WD3185F           WD32495F           WD339F	
CK9013N           CK93077F           WD1010N           WD10785N           WD12674N           WD12674N           WD12883F           WD12945F           WD1436N           WD1594F           WD1634F           WD1713N           WD17442F           WD1808N           WD1844N           WD2633N           WD26500F           WD26501F           WD29569F           WD3126F           WD26501F           WD29569F           WD3185F           WD32495F           WD33288F           WD339F	
CK93077F           WD1010N           WD10785N           WD11579F           WD12674N           WD12883F           WD12945F           WD1436N           WD14575F           WD1634F           WD1713N           WD1742F           WD1782F           WD1782F           WD1808N           WD1808N           WD2650F           WD28311F           WD26500F           WD29287F           WD3295F           WD3185F           WD32495F           WD33288F           WD339F	CK9010N
WD1010N         WD10785N         WD11579F         WD12674N         WD12945F         WD12945F         WD1436N         WD14575F         WD1634F         WD1634F         WD1713N         WD17442F         WD1808N         WD1844N         WD2650F         WD2650F         WD2650F         WD29287F         WD3126F         WD29569F         WD3185F         WD32495F         WD33288F         WD339F	CK9013N
WD10785N         WD11579F         WD12674N         WD12945F         WD1436N         WD14575F         WD1594F         WD1613N         WD1634F         WD1713N         WD1782F         WD1808N         WD1844N         WD2637F         WD2861F         WD2633N         WD26500F         WD29287F         WD3126F         WD29569F         WD3185F         WD32495F         WD3288F         WD33288F	CK93077F
WD11579F         WD12674N         WD12883F         WD12945F         WD1436N         WD14575F         WD1594F         WD1613N         WD1634F         WD17442F         WD1808N         WD1844N         WD2631F         WD2633N         WD26500F         WD29569F         WD3126F         WD32495F	WD1010N
WD12674N         WD12883F         WD12945F         WD1436N         WD14575F         WD14575F         WD1634F         WD1634F         WD1713N         WD17442F         WD1808N         WD1844N         WD261F         WD2861F         WD2633N         WD26500F         WD29287F         WD3126F         WD32495F         WD33288F         WD339F	WD10785N
WD12883F         WD12945F         WD1436N         WD14575F         WD148F         WD1594F         WD1613N         WD1634F         WD1634F         WD1713N         WD17442F         WD1808N         WD1844N         WD2661F         WD2633N         WD26500F         WD29287F         WD3126F         WD3126F         WD3288F         WD339F	WD11579F
WD12945F         WD1436N         WD14575F         WD1594F         WD1613N         WD1634F         WD1634F         WD1713N         WD17442F         WD1808N         WD1844N         WD2661F         WD2633N         WD26500F         WD29287F         WD29569F         WD3126F         WD32495F         WD3288F         WD339F	WD12674N
WD1436N         WD14575F         WD1594F         WD1613N         WD1634F         WD1634F         WD1634F         WD1634F         WD1634F         WD1634F         WD1634F         WD173N         WD17442F         WD1782F         WD1808N         WD1844N         WD261F         WD2633N         WD26500F         WD26501F         WD29569F         WD3126F         WD32495F         WD32288F         WD339F	WD12883F
WD14575F         WD148F         WD1594F         WD1613N         WD1634F         WD168N         WD1742F         WD17442F         WD1808N         WD1844N         WD21861F         WD2633N         WD26500F         WD29569F         WD3126F         WD32495F         WD33288F         WD339F	WD12945F
WD148F         WD1594F         WD1613N         WD1634F         WD168N         WD1713N         WD17442F         WD1782F         WD1808N         WD1844N         WD21861F         WD2633N         WD26500F         WD29287F         WD3126F         WD3126F         WD3286F         WD33288F         WD339F	WD1436N
WD1594F         WD1613N         WD1634F         WD168N         WD1713N         WD17442F         WD1782F         WD1808N         WD1844N         WD21861F         WD2633N         WD26500F         WD29287F         WD29287F         WD3126F         WD32495F         WD33288F         WD339F	WD14575F
WD1613N         WD1634F         WD168N         WD1713N         WD17442F         WD1782F         WD1808N         WD1844N         WD2861F         WD2633N         WD26500F         WD29569F         WD3126F         WD3185F         WD32495F         WD339F	WD148F
WD1613N         WD1634F         WD168N         WD1713N         WD17442F         WD1782F         WD1808N         WD1844N         WD2861F         WD2633N         WD26500F         WD29569F         WD3126F         WD3185F         WD32495F         WD339F	WD1594F
WD168N         WD1713N         WD17442F         WD1782F         WD1808N         WD1808N         WD1804N         WD2861F         WD261F         WD2311F         WD26500F         WD29287F         WD29569F         WD3126F         WD32495F         WD3288F         WD339F	
WD1713N         WD17442F         WD1782F         WD1808N         WD1844N         WD21861F         WD2261F         WD2633N         WD26500F         WD29560F         WD29287F         WD3126F         WD3185F         WD32495F         WD33288F         WD339F	WD1634F
WD1713N         WD17442F         WD1782F         WD1808N         WD1844N         WD21861F         WD2261F         WD2633N         WD26500F         WD29560F         WD29287F         WD3126F         WD3185F         WD32495F         WD33288F         WD339F	WD168N
WD17442F         WD1782F         WD1808N         WD1844N         WD21861F         WD2631F         WD2633N         WD26500F         WD26501F         WD29569F         WD3126F         WD32495F         WD33288F         WD339F	
WD1782F         WD1808N         WD1844N         WD21861F         WD2261F         WD2311F         WD2633N         WD26500F         WD26501F         WD29569F         WD3126F         WD3185F         WD33288F         WD339F	
WD1808N         WD1844N         WD21861F         WD2261F         WD2311F         WD2633N         WD26500F         WD26501F         WD29287F         WD29569F         WD3126F         WD32495F         WD33288F         WD339F	
WD1844N         WD21861F         WD2261F         WD2311F         WD2633N         WD26500F         WD26501F         WD29287F         WD29569F         WD3126F         WD32495F         WD33288F         WD339F	
WD21861F         WD2261F         WD2311F         WD2633N         WD26500F         WD26501F         WD29589F         WD3126F         WD32495F         WD33288F         WD339F	
WD2261F WD2311F WD2633N WD26500F WD26501F WD29287F WD29569F WD3126F WD3126F WD3185F WD32495F WD32495F WD33288F WD339F	-
WD2311F WD2633N WD26500F WD26501F WD29287F WD29569F WD3126F WD3126F WD3185F WD32495F WD32495F WD3288F WD339F	
WD2633N         WD26500F         WD26501F         WD29287F         WD29569F         WD3126F         WD3185F         WD32495F         WD33288F         WD339F	
WD26500F           WD26501F           WD29287F           WD29569F           WD3126F           WD3185F           WD32495F           WD33288F           WD339F	
WD26501F WD29287F WD29569F WD3126F WD3185F WD32495F WD32288F WD33288F WD339F	
WD29287F WD29569F WD3126F WD3185F WD32495F WD32288F WD33288F WD339F	
WD29569F           WD3126F           WD3185F           WD32495F           WD33288F           WD339F	
WD3126F WD3185F WD32495F WD33288F WD339F	
WD3185F WD32495F WD33288F WD339F	
WD32495F WD33288F WD339F	
WD33288F WD339F	
WD339F	
	WD33288F
WD34314F	
100-01-11	WD34314F



FOLIO
WD37509F
WD37529F
WD37540F
WD38050F
WD38749F
WD39336F
WD41401F
WD4201N
WD42893F
WD44273F
WD44601F
WD45679F
WD46070F
WD4689F
WD47719F
WD5047N
WD5074N
WD5392N
WD5520F
WD7553F
WD8041F
WD8758F
WD8786N
WD8807F
WD8808F
WD9801N
WD9909F
WX10313N
WX10316N
WX10418N
WX10442N
WX10549F
WX10702F
WX11206F
WX11245N
WX11349F
WX11459N
WX11778N
WX11925N
WX12624N
WX12743N
WX12847F
WX13205N
WX134N
WX13841F
WX13841F WX13N
WX143N
WX14418F
WX147N
WX14866N
WX14867N
WX14880N
WX14882N
WX14896N
WX14912N



Г

FOLIO
WX14913N
WX14969N
WX14985N
WX15217N
WX15218N
WX15546N
WX15547N
WX15573N
WX15593N
WX15686N
WX15764F
WX16050N
WX16121N
WX16387N
WX16740N
WX16741N
WX16813F
WX16859F
WX16890N
WX17231F
WX1723H WX1727F
WX172/1 WX17301N
WX17624F
WX170241 WX18242N
WX19260F
WX19200F WX192N
WX193N WX19413F
WX19413F WX19689F
WX19009F WX19712N
WX19712N WX19967F
WX20106N
WX20100N WX20114N
WX20114N WX20156F
WX20616N
WX20870F
WX21072N
WX21118F WX21583N
WX21583N WX2176F
WX2176F WX21776F
WX21979N
WX23238N
WX23780F
WX23897F
WX2458F
WX26370F
WX2673F
WX2692F
WX2804F
WX28720F
WX30130F
WX30224F
WX3039F
WX32788F



FOLIO
WX335N
WX33872F
WX3774F
WX3787F
WX40066F
WX40524F
WX43680F
WX4400N
WX4400N WX4401N
WX4401N WX4403N
WX4403N WX4409N
WX4409N WX4410N
WX45505F
WX45929F
WX48710F
WX49519F
WX53398F
WX53516F
WX54051F
WX54348F
WX5471F
WX54896F
WX55325F
WX55385F
WX55413F
WX56275F
WX56721F
WX58503F
WX59438F
WX59707F
WX60716F
WX60888F
WX61315F
WX61390F
WX61467F
WX61554F
WX62123F
WX62130F
WX63036F
WX63978F
WX64514F
WX65737F
WX65890F
WX65909F
WX65915F
WX66954F
WX67632F
WX67661F
WX6791F
WX68F
WX6942F
WX713F
WX716F
WX7364F WX7570F
VVA/3/UF



FOLIO
WX7742N
WX7744N
WX7745N
WX7746N
WX7748N
WX7751N
WX7757N
WX7759N
WX7780N
WX7837N
WX7858N
WX7870N
WX7874N
WX7875N
WX7920N
WX7979N
WX8002N
WX8002N WX8009N
WX8010N
WX8011N
WX8011N WX8012N
WX8012N WX8015N
WX8016N
WX8021N
WX8062N
WX8072N
WX8109N
WX8105N
WX8117N
WX8192N
WX8219N
WX8242F
WX8271N
WX8376N
WX8377N
WX8421N
WX8423N
WX8424N
WX8425N
WX8426N
WX8437N
WX8446N
WX8470F
WX8526F
WX8689N
WX8690N
WX9291N
WX9292N
WX9293N
WX9416N
WX9424N
WX9429N
WX9430N
WX9451N
WX9455N



## FOLIO WX9594N