
Application Forms for Radio Spectrum Licensing in Qatar

Annex to Consultation Issue 1.0

ictQATAR Consultation Document

The Supreme Council of Information & Communication Technology 'ictQATAR'

12th August 2012

Deadline for response: 16th September 2012

Table of Contents

1. Application forms.....	4
2. Common sections for each application form	5
3. Fixed link services	7
4. Aeronautical Licenses	12
4.1 Aircraft Radio Licenses – Individual/Fleet	12
4.2 Aeronautical Ground Station (AGS) License	14
4.3 Aeronautical Ground Based Navigational Aids License	15
4.4 Aeronautical Ground Based Radar License	16
5. Radio broadcasting services and Digital broadcasting services	17
6. Citizens’ Band (CB) radio services	18
7. Maritime services:	19
7.1 Ship stations	19
7.2 Maritime portable radio equipment.....	21
7.3 Maritime Ground-based Navigational Aids and Radar	22
7.4 Coastal Stations	23
8. Private Mobile Radio (PMR) services.....	25
8.1 PMR – Area Based; PMR – Frequency Assigned; PMR – Band Assigned	25
9. Radio Amateur services	28
10. Satellite services.....	29
10.1 Fixed Earth Stations.....	29
10.2 Satellite Earth Station Network Links	30
10.3 Transportable Earth Stations	31
11. Test and Development / Temporary license	33
12. Special events and temporary use	34
13. Licence exempt EPIRB registration	35
14. Application process – General.....	36
15. Application process – Aircraft Station	37
16. Application process - Radio broadcasting services and Digital broadcasting services	38

17.	Application process - Citizens' Band (CB) radio services	39
18.	Application process – Maritime	40
19.	Application process – PMR.....	41
20.	Application process – Radio Amateurs	42
21.	Application process – Transportable Earth Station (TES) or Satellite Earth Station Network Links license.....	43

1. Application forms

This Annex is part of the public consultation on the ictQATAR Radio Spectrum licensing regime. It provides the application forms that should be completed for any application for a radio spectrum license.

Applicants should complete the Common Sections of the application form, shown in Section 2. Applicants should indicate whether the submission is:

- An application for a new license
- An application to renew an existing license
- An application to modify an existing license
- A notification to cancel an existing license.

All applicants for new licenses, renewals, amendments or cancellations of existing licenses should complete the appropriate sections of the application form for the particular category of service.

If the applicant needs to provide more information than can be provided on the form, then this should be submitted by repeating the fields or providing an auxiliary note with the application.

Typical application processes are provided in the later sections of this document.

2. Common sections for each application form

Each application form will have a common section as detailed below.

ictQATAR Regulatory Authority Application for xxx License		Form: F/RT/xyy
APPLICANT'S DECLARATION		
1.1 I declare that: <ul style="list-style-type: none"> the information provided in this application is complete and correct; any equipment and / or radio spectrum licensed as a result of this application will be used in compliance with ictQATAR Laws and Regulations; I / we will notify ictQATAR of any changes to the information provided; I am authorized to sign this application on behalf of the applicant. 		
1.2 Name:	1.6 Company stamp (if applicable):	
1.3 Position:		
1.4 Signature:		
APPLICANT INFORMATION		
2.1 ictQATAR Customer Number:		
<i>Please note. If you have an existing customer number and have previously provided the following information you need only complete the Applicant Information sections if your details need to be amended in our records.</i>		
2.2 Name / Company / Organisation:		
2.3 Nationality / Place of registration:		
2.4 Profession:		
2.5 PO Box:		
2.6 Address:		
.		
2.7 Main contact:	2.10 Position:	
2.8 Contact email:	2.11 Mobile Tel:	
2.9 Office Tel:	2.12 Fax:	
INVOICING INFORMATION		
3.1 Name / Company / Organisation:		
3.2 PO Box:		
3..3 Address:		
.		
3.4 Invoicing contact:	3.7 Position:	
3.5 Contact email:	3.8 Mobile Tel:	
3.6 Office Tel:	3.9 Fax:	

APPLICATION TYPE (TICK AS APPROPRIATE)			
New application: <input type="checkbox"/>	Renewal: <input type="checkbox"/>	Modification: <input type="checkbox"/>	Cancellation: <input type="checkbox"/>
APPLICATION SUBMISSION			
Please send* completed applications to: * by fax, post, courier or hand deliver.	Regulatory Authority – Technical Affairs The Supreme Council of Information & Communication Technology (ictQATAR) P.O. Box 23264, Al Nassr Tower, Post Office Roundabout, Al Corniche, Doha, Qatar		
FOR ictQATAR INTERNAL USE			
Approved:		Not Approved:	
License Number:	Staff No.	Date:	

3. Fixed link services

TYPE OF LICENSE						
1.1 Type of license required: (Note: please contact ictQATAR if you require guidance on which license you need)						
Pt-pt assigned by ictQATAR		Pt-pt block assigned		Pt-MPt area licensed		
Non-exclusive 5.8 GHz band		Light licensed pt-pt (65 GHz, 70 GHz and 80 GHz bands)		Scanning Telemetry (SCADA)		
Please complete the following sections, as needed						
TECHNICAL DETAILS: PT-PT FREQUENCY ASSIGNED BY ICTQATAR						
2.1 Total number of links required (maximum of xx):						
2.2 For each link, please state:						
2.3 Link Number, 1 of:		2.4 Purpose of link ¹ :				
2.5 Date req'd:	2.6 Band (See Guidebook):	2.7 Freq. band: Lower: Upper:	2.8 Preferred polarisation ²	2.9 Required availability ³	2.10 Est'd path length (km)	2.11 Transmit High ⁴ :
2.12 Link location A: Lat: Long: Site Name: Site Address:						
2.13 Mast and mounting A: The height of the ground at the base of the mast (metres above ground level (AGL) for onshore and metres above sea level (ASL) for offshore) ..metres AGL/ASL						
2.14 Height of antenna (metres above ground level (AGL) for onshore and metres above sea level (ASL) for offshore) ..metres AGL/ASL						
2.15 Link location B: Lat: Long: Site Name: Site Address:						
2.16 Mast and mounting A: The height of the ground at the base of the mast (metres above ground level (AGL) for onshore and metres above sea level (ASL) for offshore) ..metres AGL/ASL						
2.17 Height of antenna (metres above ground level (AGL) for onshore and metres above sea level (ASL) for offshore) ..metres AGL/ASL						
2.18 Equipment details:						
2.19 Equipment manufacturer:						
2.20 Equipment model number:						
2.21 Bit rate (e.g. 8 Mbit/s, 34 Mbit/s etc):				Mbit/s		
2.22 Bandwidth (e.g. 7 MHz, 28 MHz, 56 MHz etc):				MHz		
2.23 Modulation Level / Type (e.g. 128/TCM, 16/QAM etc):						
2.24 Antenna details - Site A:			2.25 Antenna details - Site B:			
Antenna manufacturer:			Antenna manufacturer:			
Antenna model number:			Antenna model number:			
Antenna maximum gain (dBi):			Antenna maximum gain (dBi):			
Feeder Losses:			Feeder Losses:			
Any other losses:			Any other losses:			

¹ E.g. is it part of a network or stand-alone; what is overall network type; what type of traffic will it carry?

² Vertical (V); Horizontal (H); Co-channel dual polar (C); No preference (N)

³ Availability options: 99.9%; 99.99%; 99.995%; 99.999%

⁴ State any preference for end A or end B to transmit high (otherwise leave blank)

DOCUMENTS TO BE ENCLOSED	
DOCUMENTS TO BE ENCLOSED	
Copy of the CR (Company Registration)	
Copy of the Corporate Card	
Detailed Technical specifications of the equipment	
Network Diagram	

TECHNICAL DETAILS: PT-PT BLOCK ASSIGNED			
POINT TO POINT LINKS			
3.1 Total number of point to point links required:			
For each link, please state:			
3.2 Link Number:	1	of:	xx
3.3 Transmitter Power Site A:		3.4 Transmitter Power Site B:	
3.5 Estimated path length (km):			
3.6 Link location A:	Lat:	Long:	
3.7 Mast and mounting A: The height of the ground at the base of the mast (metres above ground level (AGL) for onshore and metres above sea level (ASL) for offshore)metres AGL/ASL			
3.8 Height of antenna (metres above ground level (AGL) for onshore and metres above sea level (ASL) for offshore)metres AGL/ASL			
3.9 Link location B:	Lat:	Long:	
3.10 Mast and mounting A: The height of the ground at the base of the mast (metres above ground level (AGL) for onshore and metres above sea level (ASL) for offshore)metres AGL/ASL			
3.11 Height of antenna (metres above ground level (AGL) for onshore and metres above sea level (ASL) for offshore)metres AGL/ASL			
3.12 Equipment details:			
Equipment manufacturer:			
Equipment model number:			
Bit rate (e.g. 8 Mbit/s, 34 Mbit/s etc):		Mbit/s	
Bandwidth (e.g. 7 MHz, 28 MHz, 56 MHz etc):		MHz	
Modulation Level / Type (e.g. 128/TCM, 16/QAM etc):			
3.13 Antenna details - Site A:		3.14 Antenna details - Site B:	
Antenna manufacturer:		Antenna manufacturer:	
Antenna model number:		Antenna model number:	
Antenna maximum gain (dBi):		Antenna maximum gain (dBi):	
Feeder Losses:		Feeder Losses:	
Any other losses:		Any other losses:	
ADDITIONAL INFORMATION			
DOCUMENTS TO BE ENCLOSED			
Copy of the CR (Company Registration)			
Copy of the Corporate Card			
Detailed Technical specifications of the equipment			
Network Diagram			

POINT TO MULTIPPOINT AND MESH NODES			
4.1 Total number of point to multipoint or mesh nodes required: nn			
For each point to multipoint or mesh nodes, please state:			
4.2 Base station or node number, 1 of:		nn	
4.3 Base station transmitter Power:			
4.4 Coverage area / radius from base station:			
4.5 Base station location:		Lat:	Long:
4.6 Mast and mounting A: The height of the ground at the base of the mast (metres above ground level (AGL) for onshore and metres above sea level (ASL) for offshore)metres AGL/ASL			
4.7 Height of antenna (metres above ground level (AGL) for onshore and metres above sea level (ASL) for offshore)metres AGL/ASL			
4.8 Link location B:	Lat:	Long:	
4.9 Mast and mounting A: The height of the ground at the base of the mast (metres above ground level (AGL) for onshore and metres above sea level (ASL) for offshore)metres AGL/ASL			
4.10 Height of antenna (metres above ground level (AGL) for onshore and metres above sea level (ASL) for offshore)metres AGL/ASL			
4.11 Equipment details:			
Equipment manufacturer:			
Equipment model number:			
Bit rate (e.g. 8 Mbit/s, 34 Mbit/s etc):		Mbit/s	
Bandwidth (e.g. 7 MHz, 28 MHz, 56 MHz etc):		MHz	
Modulation Level / Type (e.g. 128/TCM, 16/QAM etc):			
4.12 Antenna details - Site A:		4.13 Antenna details - Site B:	
Antenna manufacturer:		Antenna manufacturer:	
Antenna model number:		Antenna model number:	
Antenna maximum gain (dBi):		Antenna maximum gain (dBi):	
Feeder Losses:		Feeder Losses:	
Any other losses:		Any other losses:	
ADDITIONAL INFORMATION			
DOCUMENTS TO BE ENCLOSED			
Copy of the CR (Company Registration)			
Copy of the Corporate Card			
Detailed Technical specifications of the equipment			
Network Diagram			

TECHNICAL DETAILS: NON-EXCLUSIVE 5.8 GHZ BAND		
Parameter	Site A	Site B
5.1 Location (lat and long)		
5.2 Height		
5.3 Site equipment manufacturer		
5.4 Equipment model number		
5.5 Bit rate (Mbps)		
5.6 Bandwidth		
5.7 Antenna manufacturer		
5.8 Antenna model number		
5.9 EIRP		
5.10 Transmit frequency		
5.11 Path length		
ADDITIONAL INFORMATION		
DOCUMENTS TO BE ENCLOSED		
Copy of the CR (Company Registration)		
Copy of the Corporate Card		
Detailed Technical specifications of the equipment		
Network Diagram		

TECHNICAL DETAILS: LIGHT LICENSED PT-PT		
Parameter	Site A	Site B
6.1 Location (lat and long)		
6.2 Height		
6.3 Site equipment manufacturer		
6.4 Equipment model number		
6.5 Bit rate (Mbps)		
6.6 Bandwidth		
6.7 Antenna manufacturer		
6.8 Antenna model number		
6.9 EIRP		
6.10 Transmit frequency		
6.11 Path length		
ADDITIONAL INFORMATION		
DOCUMENTS TO BE ENCLOSED		
Copy of the CR (Company Registration)		
Copy of the Corporate Card		
Detailed Technical specifications of the equipment		
Network Diagram		

TECHNICAL DETAILS: SCANNING TELEMETRY						
Scanner Parameters	Site A					
7.1 Location (lat and long)						
7.2 Site name and address						
7.3 Height of scanner						
7.4 Site equipment manufacturer						
7.5 Equipment model number						
7.6 Bit rate (Mbps)						
7.7 Bandwidth						
7.8 Antenna manufacturer						
7.9 Antenna model number						
7.10 Antenna gain						
7.11 Planned area of operation	Small Area	Local Area		Wide Area	National	
Outstation (OS) parameters	OS1	OS2	OS3	OS4	OS5	OS6
7.12 Site name						
7.13 Site location						
7.14 Transceiver manufacturer						
7.15 Transceiver model						
ADDITIONAL INFORMATION						
DOCUMENTS TO BE ENCLOSED						
Copy of the CR (Company Registration)						
Copy of the Corporate Card						
Detailed Technical specifications of the equipment						
Network Diagram						

4. Aeronautical Licenses

4.1 Aircraft Radio Licenses – Individual/Fleet

AIRCRAFT RADIO LICENSE APPLICATION FORM					
1.1 Type of license applied for:					
Individual		Fleet		Transportable	
If applying for an individual aircraft license, please complete the common section of the application form and complete the details for the individual aircraft. If applying for a fleet aircraft license, please complete the common section of the application form and complete the details for the each aircraft on the fleet.					
INDIVIDUAL AND FLEET AIRCRAFT DETAILS					
Aircraft details: Please refer to footnote ⁵					
2.1 Aircraft registration number:					
2.2 Aircraft Call sign:					
2.3 Fuselage number:					
2.4 Type of aircraft and model:					
2.5 Aircraft Owner:					
COMMUNICATIONS					
Equipment	Model / Type	Quantity	Power erp	Emissions	Band / Assigned frequencies
3.1 VHF					
NAVIGATION					
Equipment	Model / Type	Quantity	Power erp	Emissions	Band / Assigned frequencies
4.1 ADF					
4.2 LORAN C					
4.3 DME X2					
4.4 ILS/MLS X 2					
4.5 RDSS					
4.6 GPS					
RADAR					
Equipment	Model / Type	Quantity	Power erp	Emissions	Band / Assigned frequencies
5.1 Altimeter					
5.2 Weather					
EMERGENCY / DISTRESS					
Equipment	Model / Type	Quantity	Power erp	Emissions	Band / Assigned frequencies
6.1 EPIRB					
6.2 SAR					
GSM ON BOARD					
Equipment	Model / Type				
7.1 GSM					

⁵ Please complete for an individual aircraft or for each aircraft in fleet

AIRCRAFT EARTH STATION				
Aircraft details: Please refer to footnote				
1.1 Aircraft registration number:				
1.2 Aircraft Call sign:				
1.3 Fuselage number:				
1.4 Type of aircraft and model:				
1.5 Aircraft Owner:				
SATELLITE DETAILS				
2.1 Name of the satellite network:				
2.2 Associated space station:				
2.3 Nominal orbital longitude:				
OTHER				
Equipment	Model / Type	Quantity	Power erp	Band / Assigned frequencies
ADDITIONAL INFORMATION				
DOCUMENTS TO BE ENCLOSED				
Copy of the CR (Company Registration)				
Copy of the corporate card				
Registration Certificate issued by QCAA				

AIRCRAFT TRANSPORTABLE LICENSE				
Communications / Radio Equipment				
Equipment	Model / Type	Quantity	Power erp	Band / Assigned frequencies
1.1 VHF				
1.2 Other				
ADDITIONAL INFORMATION				
DOCUMENTS TO BE ENCLOSED				
Copy of the CR (Company Registration) / Copy of ID (for Private Aircraft)				
Copy of the corporate card (required for companies)				
Registration Certificate issued by QCAA				
Detailed Technical Specifications				

4.2 Aeronautical Ground Station (AGS) License

INSTALLATION / AERODROME LOCATION				
1.1 Location:				
1.2 Latitude:				
1.3 Longitude:				
1.4 Service area (radius from base station) (km)				
1.5 Call sign /system ID:				
1.6 Antenna Type:				
1.7 Antenna Power (e.r.p) (W)				
1.8 Antenna Height:				
COMMUNICATIONS SYSTEMS				
2.1 Air to ground / ground to air				
Equipment	Model / Type	Quantity	Power erp	Band assigned
2.2 VHF				
2.3 HF				
2.4 Flight information systems				
Equipment	Model / Type	Quantity	Power erp	Band assigned
ADDITIONAL INFORMATION				
DOCUMENTS TO BE ENCLOSED				
Copy of Company Registration (CR)				
Copy of Corporate card				
Detailed Technical Specifications				
Network Diagram				

4.3 Aeronautical Ground Based Navigational Aids License

INSTALLATION / AERODROME LOCATION			
1.1 Location:			
1.2 Latitude:			
1.3 Longitude:			
NAVIGATION			
Non-directional radio beacon			
2.1 Name/Model		2.2 Antenna height	
2.3 Identifier		2.4 Max. range	
VHF Omni-directional radio (VOR)			
2.5 Name/Model		2.6 Antenna height	
2.7 RF Power		2.8 Max. range	
VHF Marker beacon			
2.9 Name/Model		2.10 Antenna height	
2.11 RF Power		2.12 Max. range	
Instrument landing system			
2.13 Name/Model		2.14 Antenna height	
2.15 Runway designator(s)		2.16 Runway heading	
2.17 Frequency		2.18 Bandwidth	
2.19 RF Power		2.20 Antenna gain	
DME Pair			
2.21 Name/Model		2.22 Antenna height	
2.23 Runway designator(s)		2.24 Runway heading	
2.25 Frequency		2.26 Bandwidth	
2.27 RF Power		2.28 Antenna gain	
Other (please state)			
2.29 Name/Model		2.30 Antenna height	
2.31 Frequency		2.32 Bandwidth	
2.33 RF Power		2.34 Antenna gain	
ADDITIONAL INFORMATION			
DOCUMENTS TO BE ENCLOSED			
Copy of Company Registration (CR)			
Copy of Corporate card			
Detailed Technical Specifications			
Network Diagram			

4.4 Aeronautical Ground Based Radar License

INSTALLATION / AERODROME LOCATION			
1.1 Location:			
1.2 Latitude:			
1.3 Longitude:			
RADAR			
Primary radar			
2.1 Name/Model		2.2 Antenna height	
2.3 Operational range		2.4 Peak power	
2.5 Frequency		2.6 Pulse repetition rate	
2.7 Scan rate (rpm)		2.8 Antenna gain	
Secondary radar			
2.9 Name/Model		2.10 Antenna height	
2.11 Operational range		2.12 Peak power	
2.13 Frequency		2.14 Pulse repetition rate	
2.15 Scan rate (rpm)		2.16 Antenna gain	
ADDITIONAL INFORMATION			
DOCUMENTS TO BE ENCLOSED			
Copy of Company Registration (CR)			
Copy of Corporate card			
Detailed Technical Specifications			
Network Diagram			

5. Radio broadcasting services and Digital broadcasting services

TYPE OF LICENSE APPLIED FOR						
1.1 Local Commercial Radio						
1.2 Community Radio Station						
1.3 Restricted Services Licenses	S-RSL		L-RSL		ADS	
1.4 Radio - FM						
1.5 Radio - AM						
1.6 Digital Terrestrial TV						
1.7 Digital Terrestrial Radio						
TRANSMITTER SITE DATA						
2.1 Requested start date of license:						
2.2 Transmitter site information:						
2.3 Site address						
2.4 Site coordinates						
2.5 Equipment						
Technical details:						
2.6 Frequency /block /channel						
2.7 FM channel bandwidth						
2.8 Effective Radiated Power						
2.9 Antenna Manufacturer			2.10 Antenna Model			
2.11 Antenna description			2.12 Antenna height			
2.13 Antenna polarisation						
2.14 Antenna radiation pattern (if directional, state direction and max ERP)						
2.15 Service area						
Additional information:						
2.16 Service offered						
2.17 Location						
ADDITIONAL INFORMATION						
DOCUMENTS TO BE ENCLOSED						
Copy of Company Registration (CR)						
Copy of Corporate card						
Authorization from Ministry of Culture, Arts and Heritage						
Detailed Technical Specifications						

6. Citizens' Band (CB) radio services

CITIZEN'S BAND RADIO		
Make	Model	Transmit power (W)
ADDITIONAL INFORMATION		
DOCUMENTS TO BE ENCLOSED		
Copy of ID		
Detailed Technical Specifications		

7. Maritime services:

7.1 Ship stations

SHIP STATIONS					
1.1 Name of ship					
1.2 Radio call sign					
1.3 Port of registration					
1.4 IMO number					
1.5 Class of ship					
1.6 Gross tonnage					
1.7 Operational sea area	A1		A2		A3
1.8 Voyage required	Qatar Water		Gulf waters		International
1.9 Existing license ref no					
1.10 Issued by					
1.11 MMSI No					
1.12 DSC No					
1.13 GMDSS Equipment maintenance (Shore or ship based)					
1.14 Name of GMDSS / radio operators					
1.15 Last inspection carried out by					
1.16 Number of life boats					
1.17 Survival craft					
1.18 AAIC No (For A3/ Intn'l Voyage)					
1.19 Date of entering Qatar waters					
1.20 Contract reference					
DETAILS OF RADIO EQUIPMENT					
Equipment	Model / Type	Power ERP	Emission	Band / frequency	
2.1 MF-DSC		250W	J2B	2187.5 KHz	
2.2 MF-DSC (monitoring)		Receiver	J2B	2187.5 KHz	
2.3 MF-Telephony		250W	J3E, H3E, J2B, F1B	2182.0 kHz	
2.4 HF-Telephony		250W	J3E, H3E, J2B, F1B	4125, 6215.0, 8291.0, 12290, 16420 kHz	
2.5 HF-DSC		250W	J2B	4207.5, 6312, 8414.5, 16804.5kHz	
2.6 HF-SAR		250W	J3E, H3E, J2B, F1B	3023, 5680 kHz	
2.7 VHF-Distress (SAR)		25W	G2B, G3E	121.5, 123.1, 156.3, 156.8 MHz	
2.8 VHF-2 – DSC		25W	G2B	156.525 MHz	
2.9 VHF telephony		25W	G3E	156, 163 MHz	
2.10 VHF handheld		5W	G3E	156, 163 MHz	
FACILITIES FOR MARITIME SAFETY INFORMATION (MSI)					
Equipment	Model / Type	Power ERP	Emission	Band / frequency	
3.1 MF NBDP		1 kW	F1B	9200, 9500 MHz	

3.2	HF NBDP		1 KW	F1B	9200, 9500 MHz
3.3	Navtex receiver		Receiver	F1B	406/121.5 MHz
DISTRESS ALERT					
	Equipment	Model / Type	Power ERP	Emission	Band / frequency
4.1	SART 1				9200, 9500 MHz
4.2	SART 2				9200, 9500 MHz
4.3	COSPAS-SARSAT				406/121.5 MHz
SATELLITE					
	Equipment	Model / Type	Power ERP	Emission	Band assigned / frequency
5.1	INMARSAT-C				
5.2	INMARSAT-Mini-M/F77				
5.3	INMARSAT – Other				
5.4	Other systems, please specify				
NAVIGATION					
	Equipment	Model / Type	Power ERP	Emission	Band assigned / frequency
6.1	Radar-1		400 mW		9200, 9500 MHz
6.2	Radar-2		400 mW		9200, 9500 MHz
SEARCH AND RESCUE					
	Equipment	Model / Type	Power ERP	Emission	Band assigned / frequency
7.1	Alarm generator				2182 kHz
7.2	Lifeboat VHF handheld		5W	G3E	156,163 MHz
7.3	AIS-Survival craft EPIR				161.975, 162.025 MHz
OTHER EQUIPMENT					
	Equipment	Model / Type	Power ERP	Emission	Band assigned / frequency
ITU MARS DATABASE REGISTRATION					
Data should be provided for the following fields which are defined at http://www.itu.int/ITU-R/terrestrial/mars/help/index.html					
	Admin. Geo. Area			RTF Band	
	Ship name			AAIC	
	Call sign			AAIC SAT	

Selcal No.(s)		AA Info	
MMSI No.		Owner	
Inmarsat No. (s)		Ex Ship-name	
NLX No. (s)		Ex Call Sign	
Boats		EPIRB Id Code	
EPIRBs		Vessel Id No.	
Ship class		Gross tonnage	
Corresp.		Person Capacity	
Terr. Serv		Radio Installation	
Hours		Emergency Contact	
RTG Band			
ADDITIONAL INFORMATION			
DOCUMENTS TO BE ENCLOSED			
Copy of CR / Copy of ID (For private Vessel)			
Copy of Corporate card (required for organization)			
Copy of Ship Registration Certificate			

7.2 Maritime portable radio equipment

Note: As this is a maritime portable radio equipment licence, the licensee must have at least one vessel to be eligible for this category of license.

DETAILS OF RADIO EQUIPMENT				
Equipment	Model / Type	Power ERP	Emission	Band assigned / frequency
1.1 VHF handheld				
DOCUMENTS TO BE ENCLOSED				
Copy of CR / Copy of ID (For private Vessel)				
Copy of Corporate card (required for organization)				
Copy of Ship registration Certificate				
Detailed Technical Specifications				

7.3 Maritime Ground-based Navigational Aids and Radar

1. RADAR				
Equipment	Model / Type	Power ERP	Emission	Band assigned / frequency
1.1 Radar-1				
1.2 Radar-2				
	Location:		Latitude:	Longitude:
1.3 Radar-1				
1.4 Radar-2				
NAVIGATION AIDS				
Equipment	Model / Type	Power ERP	Emission	Band assigned / frequency
2.1 RACON Beacons				
2.2 Radar Target Enhancer (RTE)				
2.3 AIS				
	Location:		Latitude:	Longitude:
2.4 RACON Beacons				
2.5 Radar Target Enhancer (RTE)				
2.6 AIS				
OTHER EQUIPMENT				
Equipment	Model / Type	Power ERP	Emission	Band assigned / frequency
ADDITIONAL INFORMATION				
DOCUMENTS TO BE ENCLOSED				
Copy of CR				
Copy of Corporate card (required for organization)				
Detailed Technical Specifications				

7.4 Coastal Stations

COASTAL STATIONS				
1.1 Type of Coastal Station				
International coastal station		Marina coastal station		Qatar-only coastal station
Coastal Station Radio (Training School)		Maritime Radio (Suppliers and demonstration)		
1.2 Radio call sign				
DETAILS OF RADIO EQUIPMENT				
Equipment	Model / Type	Power ERP	Emission	Band assigned / frequency
2.1 MF-DSC		250W	J2B	2187.5 KHz
2.2 MF-DSC (monitoring)		Receiver	J2B	2187.5 KHz
2.3 MF-Telephony		250W	J3E, H3E, J2B, F1B	2182.0 kHz
2.4 HF-Telephony		250W	J3E, H3E, J2B, F1B	4125, 6215.0, 8291.0, 12290, 16420 kHz
2.5 HF-DSC		250W	J2B	4207.5, 6312, 8414.5, 16804.5kHz
2.6 HF-SAR		250W	J3E, H3E, J2B, F1B	3023, 5680 kHz
2.7 VHF-Distress (SAR)		25W	G2B, G3E	121.5, 123.1, 156.3, 156.8 MHz
2.8 VHF-2 – DSC		25W	G2B	156.525 MHz
2.9 VHF telephony		25W	G3E	156, 163 MHz
2.10 VHF handheld		5W	G3E	156, 163 MHz
FACILITIES FOR MARITIME SAFETY INFORMATION (MSI)				
3.1 MF NBDP		1 kW	F1B	9200, 9500 MHz
3.1 HF NBDP		1 KW	F1B	9200, 9500 MHz
3.3 Navtex receiver		Receiver	F1B	406/121.5 MHz
DISTRESS ALERT				
4.1 SART 1				9200, 9500 MHz
4.2 SART 2				9200, 9500 MHz
4.3 COSPAS-SARSAT				406/121.5 MHz
SATELLITE				
5.1 INMARSAT-C				
5.2 INMARSAT-Mini-M/F77				
NAVIGATION				
6.1 Radar-1		400 mW		9200, 9500 MHz
6.2 Radar-2		400 mW		9200, 9500 MHz

SEARCH AND RESCUE				
7.1 Alarm generator				2182 kHz
7.2 Lifeboat VHF handheld		5W	G3E	156,163 MHz
7.3 AIS-Survival craft EPIR				161.975, 162.025 MHz
OTHER EQUIPMENT				
ADDITIONAL INFORMATION				
DOCUMENTS TO BE ENCLOSED				
Copy of CR / Copy of ID				
Copy of Corporate card (required for organization)				
Detailed Technical Specifications				
Network Diagram				

8. Private Mobile Radio (PMR) services

8.1 PMR – Area Based; PMR – Frequency Assigned; PMR – Band Assigned

PRIVATE MOBILE RADIO									
1.1 Type of PMR service applied for:									
PMR – Area based			PMR – Frequency Assigned			PMR – Band based			
PRIVATE MOBILE RADIO – AREA BASED									
2.1 Outline of requirement for an area-based PMR license:									
2.2 Area for which license is required:									
Northern limit:		Lat:				Western limit:		Long:	
Southern limit:		Lat:				Eastern limit:		Long:	
2.3 Band applied for - VHF:									
40 MHz		30-33.7MHz		33.7-37 MHz		37-40 MHz		40-47 MHz	
150 MHz		146-153 MHz		160 MHz		156-165 MHz			
2.4 Band applied for - UHF:									
360-380 MHz		380-400 MHz		400-430 MHz		440-450 MHz		450-470 MHz	
2.5 Number of channels required:									
2.6 Channel bandwidth required:									
6.25 kHz		12.5 kHz		25 kHz					
PRIVATE MOBILE RADIO – FREQUENCY ASSIGNED									
3.1 Outline of requirement for a frequency-assigned PMR license:									
3.2 Base station location:									
Lat:				Long:					
3.3. Site Address:									
3.4 Service area (radius from base station) (km)									
3.5 Call sign /system ID:									
3.6 Antenna Type:									
3.7 Antenna Power (e.r.p) (W)									
3.8 Antenna Height:									
3.9 Band applied for - VHF:									
40 MHz		30-33.7MHz		33.7-37 MHz		37-40 MHz		40-47 MHz	
150 MHz		146-153 MHz		160 MHz		156-165 MHz			
3.10 Band applied for - UHF:									
360-380 MHz		380-400 MHz		400-430 MHz		440-450 MHz		450-470 MHz	
3.11 Number of channels required:									
3.12 Channel bandwidth required:									

6.25 kHz		12.5 kHz		25 kHz		
3.13 Repeater station location and antenna details (first repeater):						
Lat:					Long:	
Antenna Power (e.r.p) (W)					Antenna Height:	
3.14 Repeater station location and antenna details (second repeater)::						
Lat:					Long:	
Antenna Power (e.r.p) (W)					Antenna Height:	
ADDITIONAL INFORMATION						
4. PRIVATE MOBILE RADIO – BAND ASSIGNED						
4.1 Outline of requirement for a band-assigned PMR license:						
4.2 Area for which license is required (state is national coverage required):						
Northern limit:	Lat:				Western limit:	Long:
Southern limit:	Lat:				Eastern limit:	Long:
4.3 Base station location:						
Lat:					Long:	
4.4 Site Address:						
4.5 Service area (radius from base station) (km)						
4.6 Call sign /system ID:						
4.7 Antenna Type:						
4.8 Antenna Power (e.r.p) (W)						
4.9 Antenna Height:						
4.10 Band applied for - VHF:						
40 MHz		30-33.7MHz		33.7-37 MHz		37-40 MHz
150 MHz		146-153 MHz		160 MHz		156-165 MHz
4.11 Band applied for - UHF:						
360-380 MHz		380-400 MHz		400-430 MHz		440-450 MHz
4.12 Number of channels required:						
4.13 Channel bandwidth required:						
6.25 kHz		12.5 kHz		25 kHz		
4.14 Repeater station location and antenna details (first repeater):						
Lat:					Long:	
Antenna Power (e.r.p) (W)					Antenna Height:	
4.15 Repeater station location and antenna details (second repeater):						
Lat:					Long:	
Antenna Power (e.r.p) (W)					Antenna Height:	

ADDITIONAL INFORMATION
DOCUMENTS TO BE ENCLOSED
Copy of Company Registration (CR) / Copy of ID
Copy of Corporate card
Detailed Technical Specifications
Network Diagram

9. Radio Amateur services

RADIO AMATEUR SERVICES					
TYPE OF AMATEUR LICENSE APPLIED FOR:					
Foundation	Standard	Advanced	Club	Repeater /Beacon	Visitor/Res
Call sign (if previously issued):					
EQUIPMENT					
Equipment	Model / Type	Serial number	Power erp	Frequency range	
ANTENNA					
Type	Manufacturer	Model No	Max power	Min Power	Modulation scheme
ADDITIONAL INFORMATION					
DOCUMENTS TO BE ENCLOSED					
Copy of ID					
A copy of amateur certification from Qatar Amateur Radio Society (QARS)					
Authorization from Qatar Amateur Radio Society (QARS)					

10. Satellite services

10.1 Fixed Earth Stations

FIXED EARTH STATION					
Site details					
1.1 Purpose of operation:					
1.2 Site name:					
1.3 Site location:					
1.4 Site Lat:				Site Long:	
Earth station details (for each Earth Station on site)					
1.5 E Stn name:					
1.6 Name of space station:					
1.7 Orbital longitude:					
1.8 Satellite operator:					
1.9 E Stn operation start date:					
1.10 E Stn Operation start date (if known):					
1.11 E Stn Lat:				1.12 E Stn Long:	
1.13 E Stn height (base):				1.14 Antenna height (centre):	
1.15 Antenna type / reference:				1.16 Antenna details:	
1.17 Antenna manufacturer:				1.18 Antenna diameter:	
1.18 Carrier characteristics:					
Tx frequency:		GHz	Bandwidth:	MHz	Max. eirp: dBW
Rx frequency:		GHz	Bandwidth:	MHz	
Tx ant. beamwidth (deg):				Tx ant. radiation pattern:	
1.19 If more than one carrier, please provide details of all carriers:					
Tx frequency:		GHz	Bandwidth:	MHz	Max. eirp: dBW
Rx frequency:		GHz	Bandwidth:	MHz	
Rx ant. beamwidth (deg):				Rx ant. radiation pattern:	
1.20 Antenna orientation					
Operating angles:		Azimuth (from):		Azimuth (to):	
				Elevation:	
ADDITIONAL INFORMATION					
DOCUMENTS TO BE ENCLOSED					
Copy of Company Registration (CR)					
Copy of Corporate card					
Detailed Technical Specifications					

10.2 Satellite Earth Station Network Links

SATELLITE EARTH STATION NETWORK LINKS (FOR DIPLOMATIC MISSIONS & NATIONAL SECURITY ORGANIZATIONS)					
1.1 Number of VSAT earth stations in network:					
Network details					
1.2 Network configuration (e.g. Star, Mesh):					
1.3 Location of hub:		Lat:		Long:	
1.4 Hub bite rate:		kbit/s			
1.5 Dependant VSAT uplink:		kbit/s		1.6 Dependant VSAT downlink: kbit/s	
1.6 Satellite operator:					
1.7 Name of space station:		1.8 Orbital longitude:			
1.9 Carrier modulation system:					
Earth station details (please provide for each Earth Station)					
1.10 E Stn name:					
1.11 E Stn location:					
1.12 E Stn operation start date:					
1.13 E Stn Lat:		1.14 E Stn Long:			
1.15 E Stn height (base):		1.16 Antenna height (centre):			
1.17 Antenna type / reference:		1.18 Antenna details:			
1.19 Antenna manufacturer:		1.20 Antenna diameter:			
1.21 Carrier characteristics:					
Tx frequency:		GHz	Bandwidth:	MHz	Max. eirp: dBW
Rx frequency:		GHz	Bandwidth:	MHz	
Tx ant. beamwidth (deg):		Tx ant. radiation pattern:			
1.22 If more than one carrier, please provide details of all carriers:					
Tx frequency:		GHz	Bandwidth:	MHz	Max. eirp: dBW
Rx frequency:		GHz	Bandwidth:	MHz	
Rx ant. beamwidth (deg):		Rx ant. radiation pattern:			
1.23 Antenna orientation					
Operating angles:		Azimuth (from):		Azimuth (to): Elevation:	
ADDITIONAL INFORMATION					
DOCUMENTS TO BE ENCLOSED					
Copy of Company Registration (CR)					
Copy of Corporate card					
Detailed Technical Specifications					

10.3 Transportable Earth Stations

TRANSPORTABLE EARTH STATION						
Type of service						
Telecommunications services:						
Broadcasting-related services:						
Other (please state):						
Type of license						
1.1 Annual license (Qatar companies only):						
1.2 For short-term license:		Required start date:		Required end date:		
1.3 Name of event for short-term license:						
1.4 Location of event for short-term license:						
1.5 Event Latitude:		Event Longitude:				
1.6 Transmission dates for event:		Start:		End:		
1.7 Event details for short-term license:						
1.8 Transmission dates for event:		Start:		End:		
Space station and Earth station details						
1.9 Name of space station:						
1.10 Orbital longitude:						
1.11 Satellite operator:						
1.12 E Stn operation start date:						
1.13 E Stn operation end date (if known):						
1.14 E Stn Lat:		E Stn Long:				
1.15 E Stn height (base):		1.16 Antenna height (centre):				
1.17 Antenna type/reference:		1.18 Antenna details:				
1.19 Antenna manufacturer:		1.20 Antenna diameter:				
1.20 Carrier characteristics:						
Tx frequency:		GHz	Bandwidth:		MHz	Max. eirp: dBW
Rx frequency:		GHz	Bandwidth:		MHz	
Tx ant. beamwidth (deg):			Tx ant. radiation pattern:			
1.21 If more than one carrier, please provide details of all carriers:						
Tx frequency:		GHz	Bandwidth:		MHz	Max. eirp: dBW
Rx frequency:		GHz	Bandwidth:		MHz	
Rx ant. beamwidth (deg):			Rx ant. radiation pattern:			
1.22 Antenna orientation						
Operating angles:		Azimuth (from):		Azimuth (to):		Elevation:
ADDITIONAL INFORMATION						
DOCUMENTS TO BE ENCLOSED						

Copy of Company Registration (CR) (for Qatari companies)
Copy of Corporate card (for Qatari companies)
Approval from local Authority/or from official local Sponsor
Detailed Technical Specifications

11. Test and Development / Temporary license

TEST AND DEVELOPMENT / TEMPORARY LICENSE APPLICATION			
1.1 Description of test for which license is requested:			
1.2 Duration of license applied for:			
1.3 Requested start date:			
1.4 Requested end date:			
1.5 General location of testing:			
1.6 Number of transmit sites:			
1.7 Radio terminal details (Manuf'tr / model):			
1.8 Antenna details (Manuf'tr / model):			
1.9 Other equip. details (Manuf'tr / model):			
Site information:			
2.1 Location:			
2.2 Location Latitude:		Location Longitude:	
2.3 Transmission frequency band /range:		From:	To:
2.4 Signal bandwidth:			
2.5 Antenna type:			
2.6 Antenna power (dBW):		Min:	Max:
2.7 Antenna gain (dB):			
2.8 Antenna height above ground level (m):			
2.9 Antenna polarity:			
ADDITIONAL RELEVANT INFORMATION			
DOCUMENTS TO BE ENCLOSED			
Copy of Company Registration (CR)			
Copy of Corporate card			
Approval from local Authority / or from official local Sponsor			
Detailed Technical Specifications			

12. Special events and temporary use

SPECIAL EVENTS AND TEMPORARY USE LICENSE APPLICATION			
1.1 Description of the special events or temporary use for which license is requested:			
1.2 Duration of license applied for:			
1.3 Requested start date:			
1.4 Requested end date:			
1.5 General location of event or temporary use:			
1.6 Number of transmit sites:			
1.7 Radio terminal details (Manuf'tr / model):			
1.8 Antenna details (Manuf'tr / model):			
1.9 Other equip. details (Manuf'tr / model):			
Site information:			
2.1 Location:			
2.2 Location Latitude:		Location Longitude:	
2.3 Transmission frequency band /range:		From :	To:
2.4 Signal bandwidth:			
2.5 Antenna Type:			
2.6 Antenna power (dBW):		Min:	Max:
2.7 Antenna gain (dB):			
2.8 Antenna height above ground level (m):			
2.9 Antenna polarity:			
ADDITIONAL RELEVANT INFORMATION:			
DOCUMENTS TO BE ENCLOSED			
Copy of Company Registration (CR)			
Copy of Corporate card			
Approval from local Authority / or from official local Sponsor			
Detailed Technical Specifications			

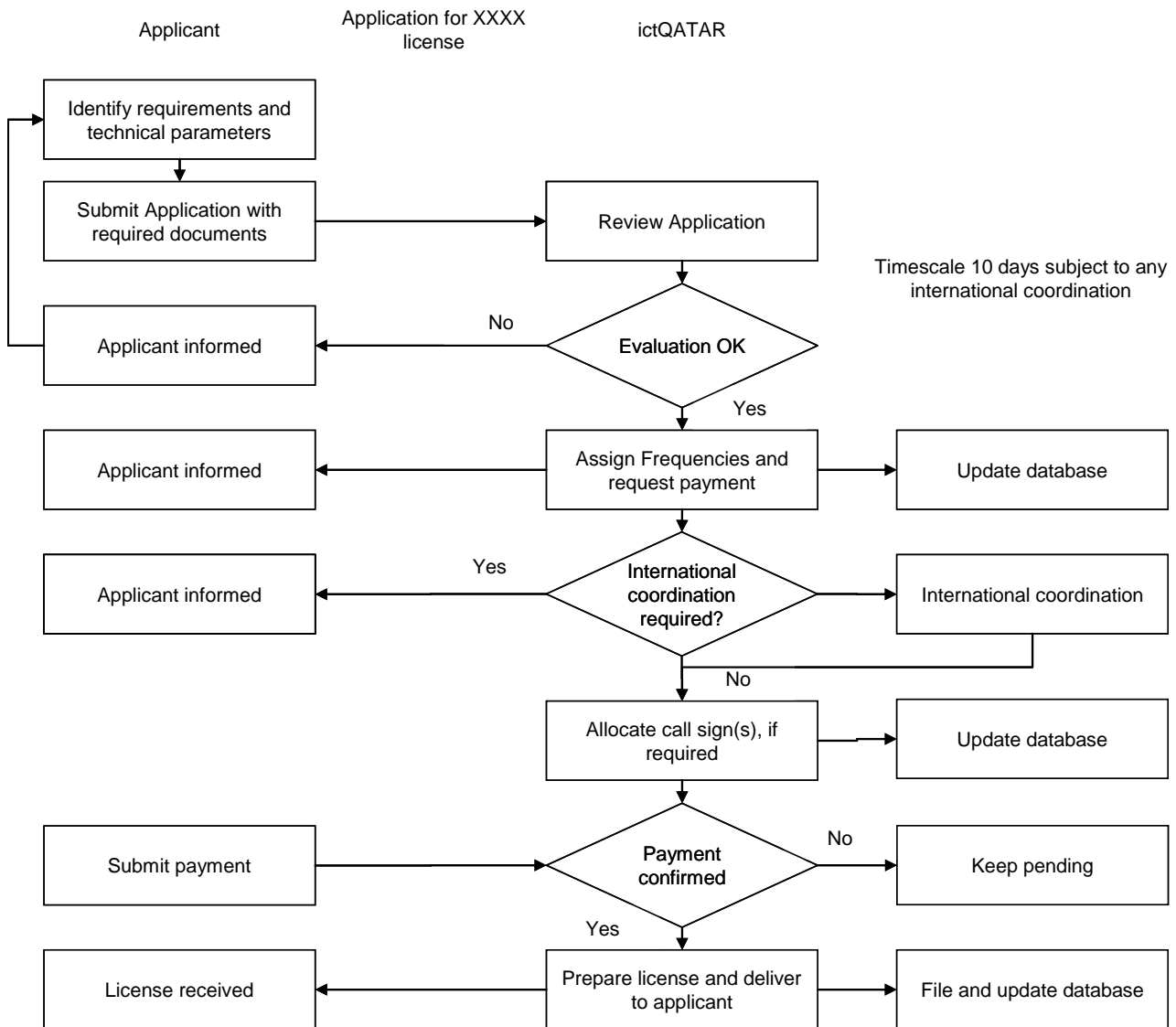
13. Licence exempt EPIRB registration

EPIRB REGISTRATION			
Manufacturer's HexId	Name of Vessel	Type of Vessel	Gross Tonnage

14. Application process – General

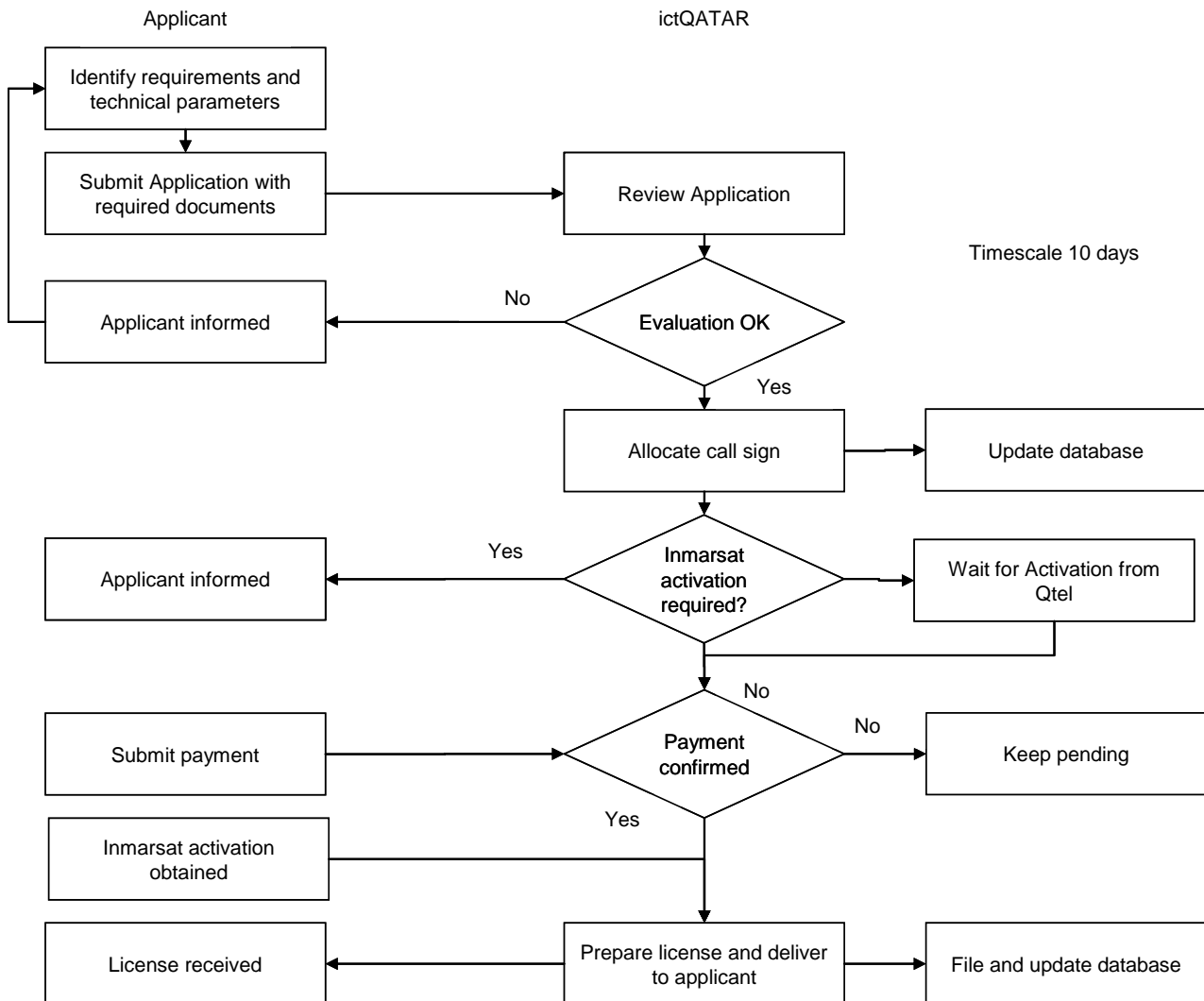
This application process is applicable for the following licenses:

- Fixed links – all types
- Aeronautical Ground Stations
- Aeronautical Navigational Aids
- Aero Ground Based Radar
- Coastal Station
- Test and Development
- Special Events and Temporary Licence
- Fixed Earth Station

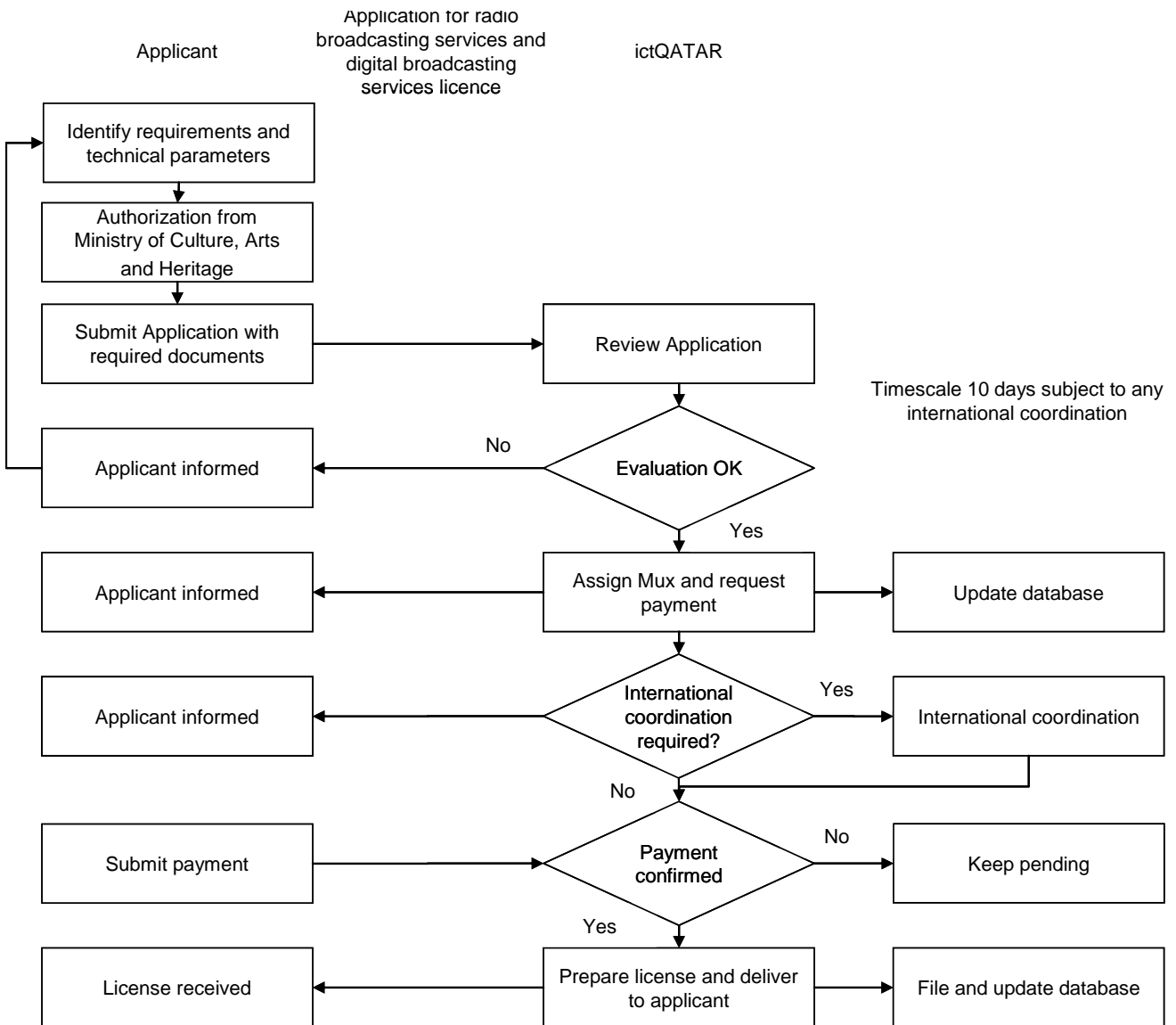


15. Application process – Aircraft Station

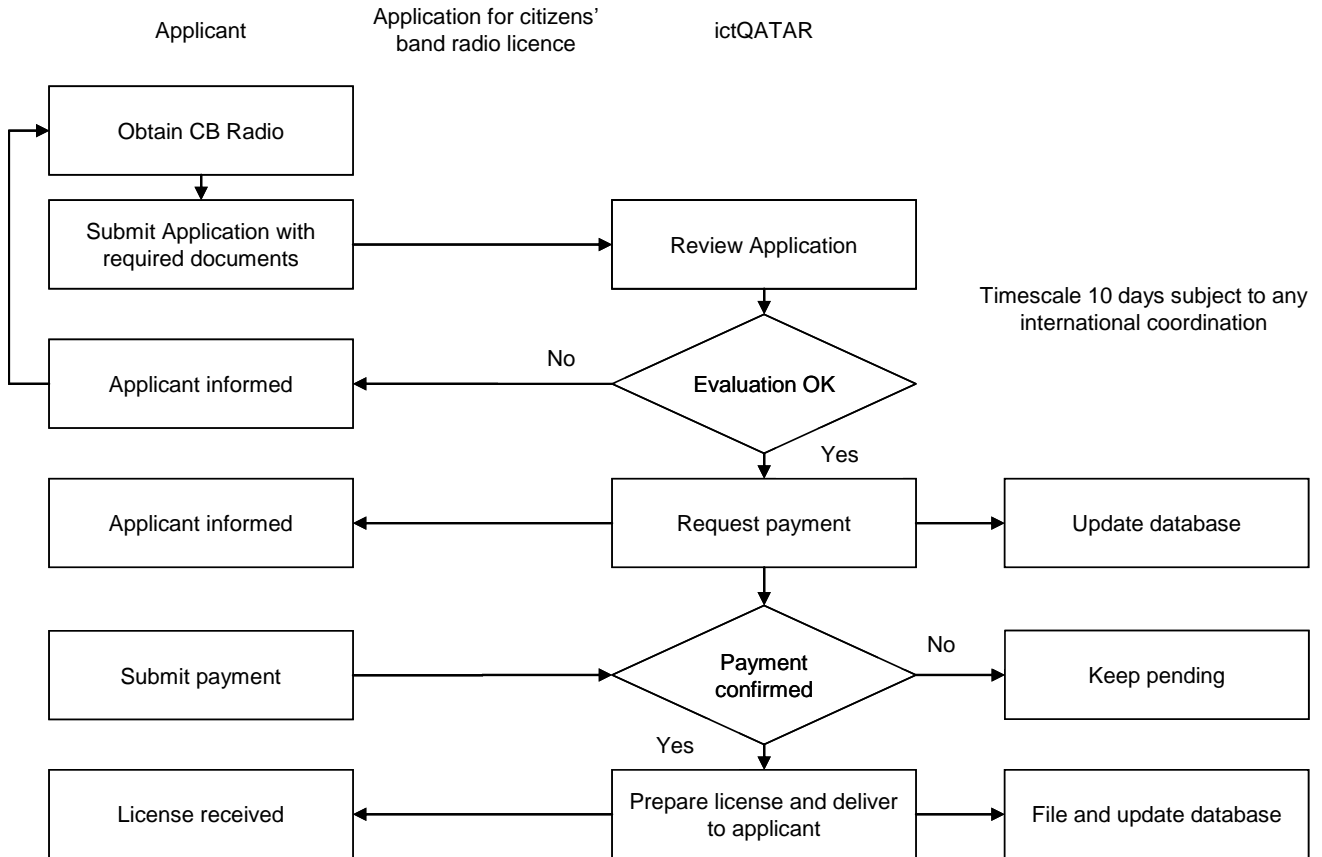
Application for Aircraft Station license



16. Application process - Radio broadcasting services and Digital broadcasting services

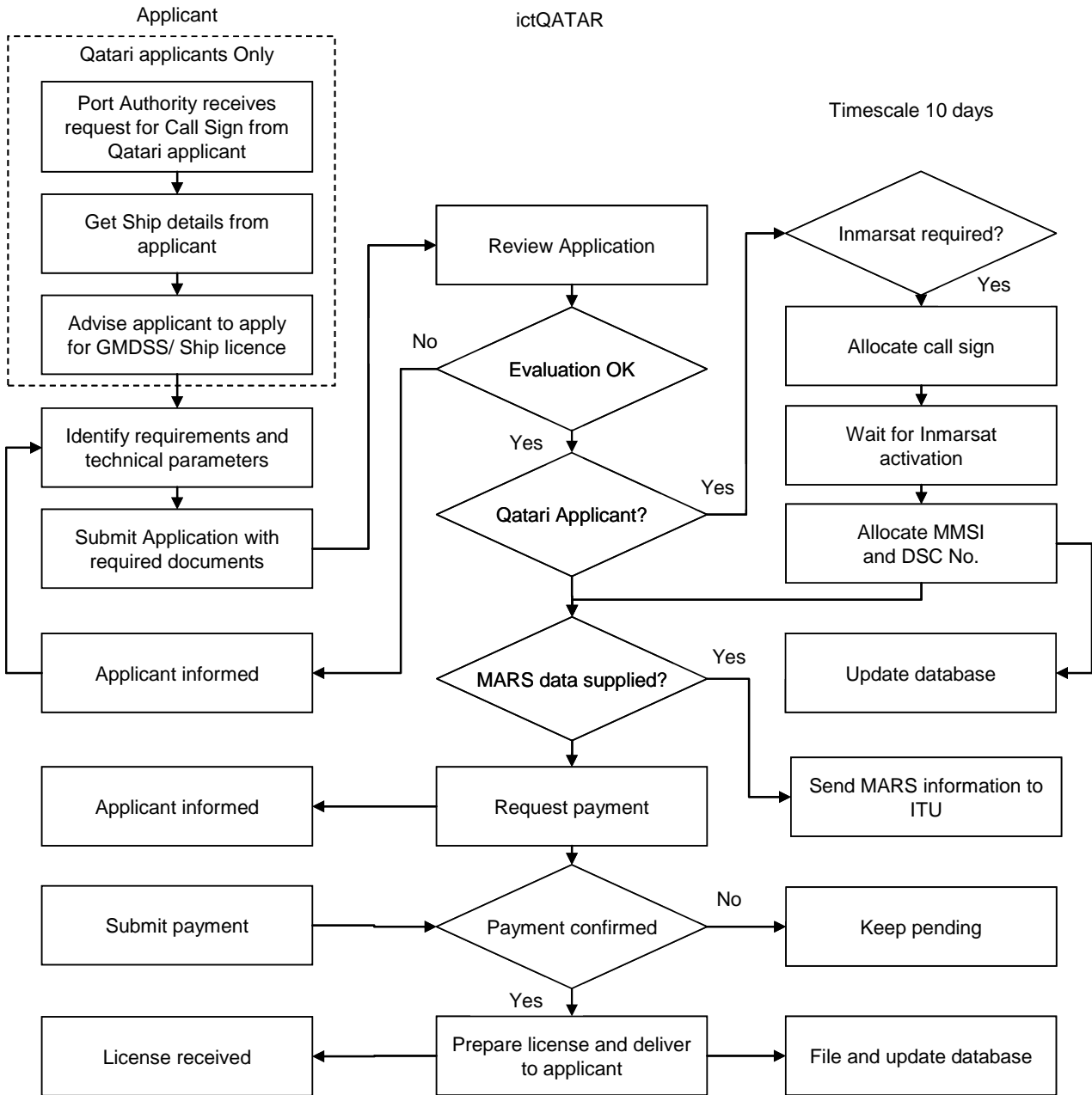


17. Application process - Citizens' Band (CB) radio services

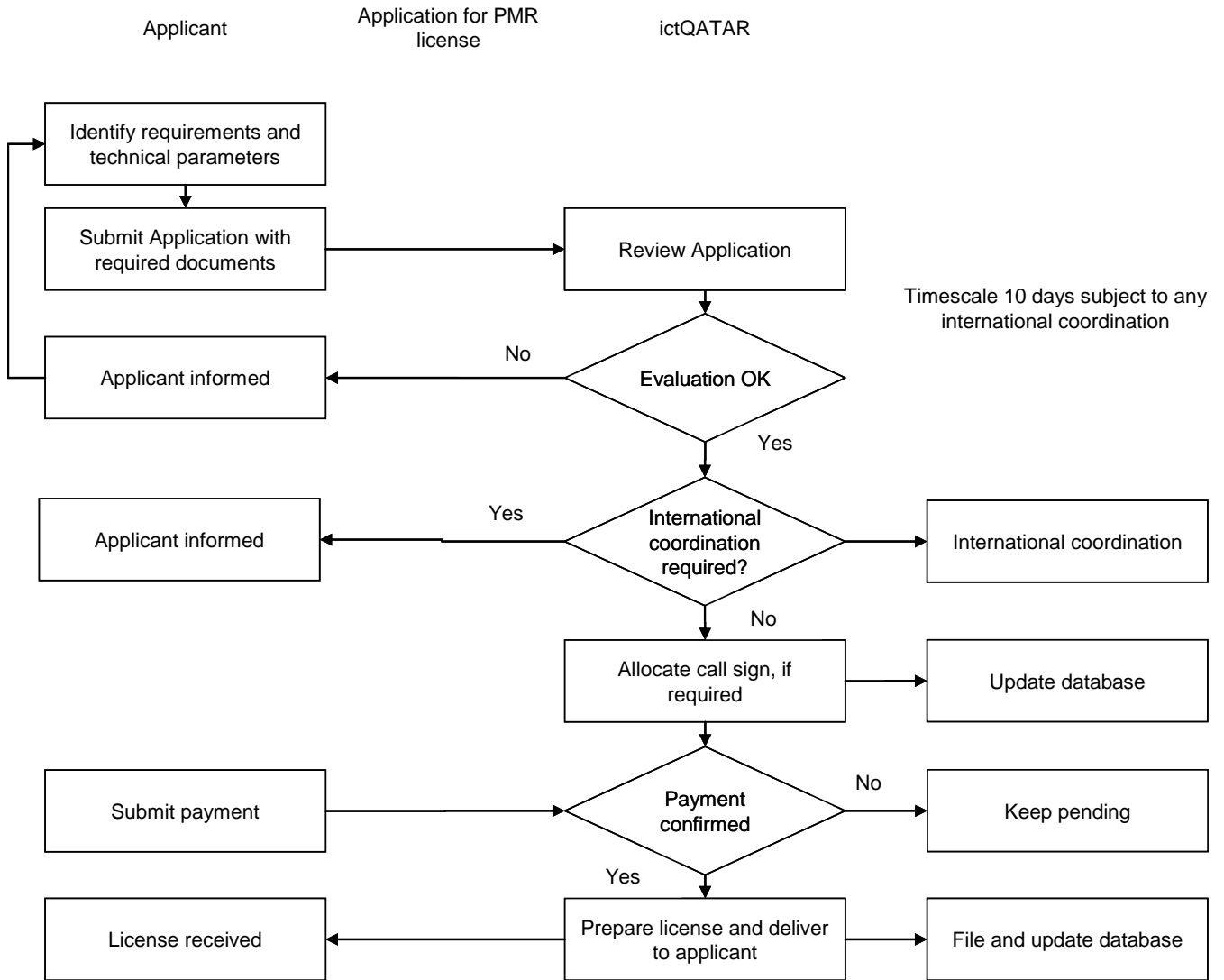


18. Application process – Maritime

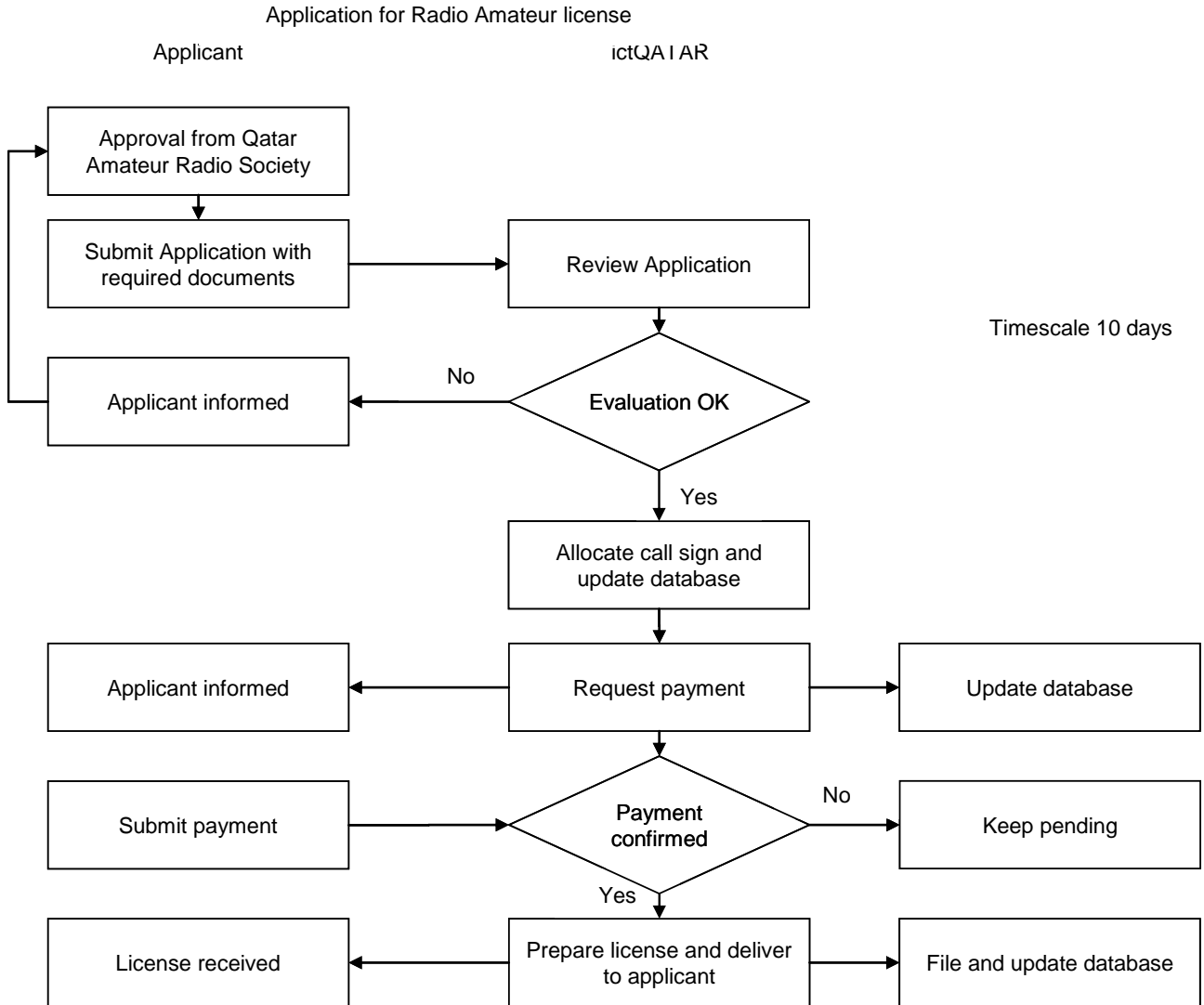
Application for Maritime license



19. Application process – PMR



20. Application process – Radio Amateurs



21. Application process – Transportable Earth Station (TES) or Satellite Earth Station Network Links license

